Usenet Newsgroup Archive: rec.radio.amateur.equipment

1996-01 - 1996-03

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Date span: 1996-01-01 through 1996-03-31

Source text: rec.radio.amateur.equipment.txt

Source item: https://archive.org/details/usenet-rec

Messages included in this PDF: 4,383

Message records with no readable body available in the source text: 8

Messages are presented chronologically by archived date.

Binary or encoded payloads are not printed as blocks of encoded text; a placeholder appears where such material was detected. The original source text is unchanged.

1. Re. IC-706 hand Mic

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: n9rj@indy.net
Message-ID: <n9rj.1.30E7F295@indy.net>
Source record: 207905

At a local ham store Icom Day the Icom tech guy said you could get moue drive out of the mic if you take the rubber disk out. He proceeded to show me with the demo 706 and it did not have the rubber disk. My 706 will easily drive past the recommended ALC range and distort the audio. I have not looked to see if I have the rubber disk or not.

Russ N9RJ
n9rj@indy.net

2. Re: Experience with the IC-775DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: whittyd@nbnet.nb.ca
Message-ID: <4c8uab$1ts@sol.sun.csd.unb.ca>
Source record: 207906

Check out December QST ....

edvanc29@skypoint.com (AA0HI) wrote:

>Would appreciate hearing about experience with the Icom IC-775DSP.
>Pros and Cons.

>Ed, AA0HI

3. Re: HTs for HF

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: dgf@netcom.com
Message-ID: <dgfDKIDxL.L5A@netcom.com>
Source record: 207907

In article <4c7ndu$efo@newsbf02.news.aol.com> snpcross@aol.com (SnPCross) writes:
> Hi there, my name is Shawn. I remember seeing an article on an 40 M
>HT by Tokyo Hi-Power (might have been Toko but I think they make
>transformers). The authur was a guy in Texas who took his HT on a 3 day
>camping trip with Boy Scouts. I think it was in the September 1994 QST.
>Sorry I can't give you any more info.

October 1994 QST, page 60-63
Rig Tokyo Hy Power HT-750 covering 40, 15, 6 meters SSB/CW

73 Dave WB0GAZ dgf@netcom.com

4. Motorola Radius WTD in NYC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: silverbk@escape.com
Message-ID: <4c909u$dhf@beyond.escape.com>
Source record: 207908

I am looking for two or three Motorola Handie Talkies for electricians to use in high rise bldgs to identify circuits and such. If you have a couple of used radios around that you want to sell inexpensively, Please Email.

Thanks in advance.
P.M.P.

5. Re: Atlas 210X power output Question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: aswNS@hamp.hampshire.edu
Message-ID: <117cc$9351.1c3@news.hampshire.edu>
Source record: 207909
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

On 27 Dec 1995 22:48:51 GMT Michael G. Reiney (mreiney@hevanet.com) wrote in rec.radio.amateur.homebrew:

: I have an Atlas 210X that works fine on 40 meters and up. On 75 meters, I can only
: get about 40W out of it.
: I hypothesize that if the high freq power out is ok, the transistors are good.
: The 80M filters are not tunable, so they've probably not been tweeked.

I obtained a 210X a couple of years ago, before a year-long trip to Nicaragua (where I operated as YN1ASW). I thought an older simpler rig might be more reliable and maintainable in a situation where I would have little test equipment and parts accessibility would be difficult. I checked the rig out at home with a regulated power supply, but when I got to Nicaragua I had a number of unexpected problems. First, my power source was a 12V battery charged by a solar panel, and I found the Atlas really needed the extra voltage available when the battery was under charge, the output power would fall off a lot when the voltage fell from 13.6 down to 12V.

More seriously, I found that there were serious instability problems if the rig looked into a reactive load. It would work fine directly into a dummy load, but through a tuner into the load or into a real antenna, whether through the tuner or not, it would break into parasitic oscillations as the drive was brought up to a critical level. I don't know exactly what frequency the oscillations were, but they tended to wipe out my housemates' VHF TV reception, and this put major constraints on my operating schedule.

I was able to get some control over the situation by putting a high resistive load (I think I used something like 1000 ohms, 2 watts -- I had a limited stock of resistors) across the input of the tuner. The idea was to have a high enough value that it would take a negligible amount of power at frequencies where the load looked like 50 ohms, but at other frequencies where presumably the antenna and/or the tuner looked like some kind of high-Q circuit this might damp it enough to suppress the parasitics. I was able to operate at reduced power levels this way, but any attempt to go for full power would result in parasitics again.

My operation was mostly on 20 meters, sometimes on 15 when it would support my skeds back to the US. I never was able to get more than about 50 watts out of the rig.

When I first obtained the rig I got a packet of info from Hi Manuals, which included a lot of info on various mods in early production versions of the Atlas, some of which I recall had to do with power output or stability problems. As far as I could tell my own Atlas was a late enough model to incorporate all the fixes, but it still gave me a lot of problems. My conclusion is that it just pushed too hard at the limits of the technology of its day, and that variations in the semiconductors probably weren't adequately protected against.

I don't know if any of this is relevant to your problems, but maybe there are some connections. I would definitely look for parasitics that may be robbing power from the operating frequency.

If anyone reading this has any comments on the problems I experienced I would appreciate hearing them. When I left Nicaragua in Dec. 94 I put the rig in storage there, as I expect to return there for another extended stint in the next year or two. But it would be nice if I could go back armed with some ideas about how to get the 210X to behave a bit better.

73, Al N1AW
--
Al Woodhull
awoodhull@hamp.hampshire.edu
n1aw@k1mea.#wma.ma.usa.na
n1aw@ka1jy.ampr.org

6. Re: What rig did the downed Pilot in Bosnia use?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: dmenser@parrett.net
Message-ID: <4c939l$b47@parrett.net>
Source record: 207910

In article <4brk10$qhp@panix.com>, ekv@panix.com- says...
>
>If memory serves me right, that pilot used some type of CW rig to aid in
>his own rescue. Its probably something that all pilots carry. What unit was
>this and where can I get one and approximately how much do they cost?
>Can it be modified for amateur use?
>Please e-mail with reply .
>Thanks in advence.
>Elmar
>
>
>--

I think it was a Motorola, also have heard next model will incorporate GPS.

Sorry that's all I can tell ya'

Drew

--
****
I have a quote in mind, I just can't remember how it goes...
dmenser@parrett.net Drew Menser
http://www.parrett.net/~dmenser Bridgman, Michigan USA
****

7. Standard Twin-Bander Manual Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: Richard Steck <rsteck@interaccess.com>
Message-ID: <30E81533.C06@interaccess.com>
Source record: 207911

If anyone has a manual for a Standard Twin-Bander C5608[DA], I would appreciate the use of it for a short period. I would be happy to pay shipping, etc.

Thank you.

8. Re: What rig did the downed Pilot in Bosnia use?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: scoggin@delmarva.com
Message-ID: <4c94m9$qje@butthead.delmarva.com>
Source record: 207912

I believe that it was an AN/PRC-112. Info on this radio can be found on Motorola's Web page, http://www.mot.com/GSTG/ged/rso/prc-112.html

This radio operates in the 225-400 MHz range. Their is a new radio with integrated GPS - specs can be found in the same URL, the page is gps-112.html

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+---+
| John K. Scoggin, Jr. Email: scoggin@delmarva.com |
| Supervisor, Network Operations scoggin@cis.udel.edu |
| Delmarva Power & Light Company Phone: (302) 451-5200 |
| 500 N. Wakefield Drive NOC: (800) 388-7076 |
| Newark, DE 19714-6066 Fax: (302) 451-5321 |
| Ham: N3SKO |
| Instructor, CIS Dept. |
| University of Delaware, 447 Smith Hall |
| |
| Volunteer, Delaware Emergency Management Agency |
| Officer, Delaware State Fire Police |
+---+

9. Re: Hallicrafters S20R info needed.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: "Christopher A. Bowne" <radiobwn@q.continuum.net>
Message-ID: <4c94m3$91j@news.continuum.net>
Source record: 207913

Check W7FG (Gary Gompf) in Bartlesville OK. He has a
small business that supplies out of print manuals (W7FG
Vintage Manuals). His number is 918-661-8237 or
1-800-807-6146. (Great 800 Number, Gary!)

10. Help for ailing TenTec Corsair(1)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: "Joe, VP2VBL" <tortola@caribsurf.com>
Message-ID: <4c94mc$rrj@col1.caribsurf.com>
Source record: 207914

Any Corsair GURU out there?

SSB doesn't work. CW OK. No modulation with mike input or audio input on back panel.

Rig is 10 years old, but I like it. Excellent CW rig.

TenTec Repair Dept. sez return rig, but very expensive from this Island. Don't understand this, cuz usually they will ship a board. Also Repair Dept. has big load at this time - hence, long wait.

With SSB gone, can't work any digital mode, RTTY, etc.

Have all manuals, minimal tools. I can swap boards tho!

11. Re: New Tech + Question -- What HF Base Rig to Buy?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <820523094.25264@pinetree.microserve.com>
Source record: 207915

jgkamm@mis.net wrote:

>Well i got the tech + requirements out of the way
>last friday. Now the fun part! Need recommendations
>on good HF bas unit to start out with. If my plans hold
>I'll be General in 30 days. $1800 investment is about
>my limit now.

Your price range is enough for a used Ten-Tec Corsair II or Omni V. These rigs hold their value well but they are in somewhat short supply on the used market. You may need to be patient in order to find one. Because they are now sold direct, the factory in Tennessee takes trades and resells the used gear. This is another possibility for locating the model you want.

Do yourself a favor a take a look at these before opting for an imported transceiver.

73,
Jack WB3U

12. Swan500C, Drake 2B forsale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: davej@sptekwv6.vnd.tek.com
Message-ID: <4c9ds1$df5@sptekwv6.vnd.tek.com>
Source record: 207916

```
Newsgroups: rec.radio.amateur.equipment
Subject: Swan500C, Drake 2B forsale
Summary:
Expires:
Sender: davej@mda.vnd.tek.com
Followup-To: rec.radio.amateur.equipment
Distribution: usa
Organization: Tektronix, Inc., Beaverton, OR.
Keywords: Drake2B,Swan500C

I have for sale the following,

Swan-500C good condition $175.00 (with 117XC A.C. power supply)

Drake 2B receiver fair-good conditon $125.00

E-mail davej@mda.vnd.tek.com
or phone
(503)630-5691

Dave Jordahl
WA0RXM, Estacada, Oregon

--
David Jordahl
Tektronix Inc., VND
PO Box 500, MS 58-850, Beaverton, Or. 97077
Email - davej@mda.vnd.tek.com
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13. IT-1 Tuner For AEA IsoLoop Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: zaax@aol.com
Message-ID: <4c9e44$a5@newsbf02.news.aol.com>
Source record: 207917

I am looking for a used IT-1 tuner for the AEA IsoLoop. If you have one
for sale
send me an e-mail or give me a call.

73
Zack
N8FNR
810-541-1740

14. MAB Tranceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: "Lloyd A. Scott, Jr." <wpul1130@cris.com>
Message-ID: <4c9jnk$l7h@spectator.cris.com>
Source record: 207918

Wanted manuals or any information wanted concerning the Marine Corps
WWII MAB Tranceiver.

15. MAB Tranceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: "Lloyd A. Scott, Jr." <wpul1130@cris.com>
Message-ID: <4c9jof$l7h@spectator.cris.com>
Source record: 207919

Wanted manuals or any information wanted concerning the Marine Corps
WWII MAB Tranceiver.

16. ***6 Meter FM Repeater???***

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: kmp3@unix.asb.com
Message-ID: <kmp3.3.000B20B9@unix.asb.com>
Source record: 207920

Hello,

I am very interested in anyone's expierience with 6 meter repeaters. I am a very active UHF user. A group of us is interested in maybe establishing a system here. The QTH is Middle Island, NY (Long Island) about 60 miles SE of NYC.
I am interested in equipment, sites, antennas, coverage, duplexers, and knowlege. Also cost and availability of equipment.

Thanks, Ken N2QPA

17. Re: What rig did the downed Pilot in Bosnia use?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: tsimpson@iglou2.iglou.com
Message-ID: <DKIv40.9Bp@iglou.com>
Source record: 207921

: >If memory serves me right, that pilot used some type of CW rig to aid in
: >his own rescue. Its probably something that all pilots carry. What unit was
: >this and where can I get one and approximately how much do they cost?
: >Can it be modified for amateur use?
: >Please e-mail with reply .
: >Thanks in advence.
: >Elmar
: >
: >
: >--

The PRC-90 doesn't have too much of a range. Line of sight. The
ELT's(Emergency Location Transmitters) Have a better range being they are
picked up by satellites & only takes a matter of minutes to triangulate a
position fix. Also they have a jack for the standard Military Aviator helmet
to plug into them for voice communication capability. The PRC-90 is best used
by placing it on a hill & letting it beacon for you. (and attracting any
local bad guys :))
I believe the ELT's are supposed to be part of any military & civilian
aircraft equipment. As far as using it to transmit. I don't think the
freq it has programmed is for anything BUT emergency use only. Also IF
you do happen to use one it won't take BUT a few minutes for the Military,
Probably the FCC & whoever else listens to the channel to pinpoint your
Lat & Long. I'm in the Army National Guard & we have had a few incidents
where the ELT's went off accidentally OR when some unauthorized personnel
had grabbed it out of the Aircraft & was transmitting. Everyone involved
takes it very serriously.

--
William Thomas Simpson
tsimpson@iglou.com

18. Re: Have you had a bad 2 mtr power module - Toshiba S-AV24 ?? (In Yaesu FT-5200)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: rhyolite95@aol.com
Message-ID: <4c9oo6$44i@newsbf02.news.aol.com>
Source record: 207922

If you have no success with the manufacturer you might try this.

Many RF modules can be (carefully) pried open. You will find some descrete parts as well as the transistor die encased in a clear conformal coating. Look for burnt parts or open connections. You will have to scrape the conformal coating to solder any loose connections. I once found a loose external power/bias lead on a Motorola part. If the transistor is smoked forget it.Good luck..

19. Yaesu FT-80C Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: rmanns@saba.kuentos.guam.net
Message-ID: <4c9nva$hcf@lehi.kuentos.guam.net>
Source record: 207923

Looking for a manual or any information that will help put an FT-80C on packet. Microphone pin outs would be a big help.

Thanks in advance for any help.

73 es KB6IDK

--
Rick Manns rmanns@kuentos.guam.net

20. Re:Drake and Swan Astro Departing Ham Market

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: rmmiller@ix.netcom.com
Message-ID: <4c9qr1$j10@ixnews8.ix.netcom.com>
Source record: 207924

Hi,

Need information for Masters research on Amateur Radio Mfg. industry. Any data relating to R. L. Drake's and Swan's departure from the Amateur Radio market place would be of great interest. They seem to have evaporated from Ham pubs in 1983-84. Any data on these two companies will help. Commentaries from folks who may have worked for these firms or dealt in their products would help. I would also like to hear from users of the gear past and present. Especially interested in what folks consider to be the reasons for the demise of the American Radio Amateur Manufacturing Industry.

73

Bob, KE6F
9655 Appalachian Dr.
Sacramento, CA 95827

21. Re: TS-690S or IC-736 - Help me please!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: davie@primenet.com
Message-ID: <4ca5mh$esl@nnrp1.news.primenet.com>
Source record: 207925

vk8mr@ozemail.com.au (VK8MR (Mike)) wrote:
>Friends,
>
> I am interested in purchasing an all band plus 6 meter rig in the
>near future and was wondering if any of you out there have personal
>experience with either of these rigs? There are advantages and

Hi Mike,

I was in the same situation as you, interested in the 690 and the IC 736.

However, for the money, I just lost all interest when the Icom IC-706 came out.

There are about 10 in town already and everybody loves them, esp. the 100 watts on 6 and the ability to replace a 2 meter ssb rig.

Considering no "top of the line" HF rig offers 6 meters, I am saving my pennies for the 706. I don't see how, for the price, the existing "mid-line" HF+6 rigs can compare. However, the 706 might cause the used 736 & 690 prices to drop quite a bit. The used prices around here have been more than the 706 NEW. Good luck, Dave WE6L Phoenix AZ

22. Inside 706 Mic....?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: rickcrider@aol.com
Message-ID: <4c8bh7$kch@newsbf02.news.aol.com>
Source record: 207926

Have any of you tech types dissected an Icom 706 hand mic.....#HM-103...?

I peered inside and found a regular looking electret mic element buried below and behind the plastic front plate. Behind the slots that you speak into there is a large metal disc....about 36mm in diameter and 2mm thick, with a thick rubber pad in front of it. It's just screwed to the faceplate, with no electrical connections to the mic or circuitry.

Any good explanation for this design? Seems that the metal disk and rubber would hamper more that help. Anyone experimented with this?

Thanks.....
Coridally:
Rick Crider
KD4FXA
Monroe NC

23. EDDYSTONE RECEIVER WANTED

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: radiomatt@aol.com
Message-ID: <4c8g8m$l9n@newsbf02.news.aol.com>
Source record: 207927

E-Mail details, please

24. Re:Drake and Swan Astro Departing Ham Market

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <820554246.10217@pinetree.microserve.com>
Source record: 207928

rmmiller@ix.netcom.com (Robert M. Miller) wrote:

>Need information for Masters research on Amateur Radio Mfg. industry.
>Any data relating to R. L. Drake's and Swan's departure from the
>Amateur Radio market place would be of great interest. They seem to
>have evaporated from Ham pubs in 1983-84. Any data on these two
>companies will help.

Bob,

The last joint-effort ham gear involving Swan was marketed under the Cubic/Swan name. At some point however, Cubic divorced itself from Swan, which left Swan without a "sponser". Cubic's last transceiver, the Cubic Astro 103, does not bear the Swan name anywhere, nor does their owner's manual or service literature. However, the rig still retains an S-meter with the red Swan "S" insignia. Perhaps someone with the predecessor to this rig (Cubic Astro 102BX) can tell you whether that rig was also devoid of the Swan name.

Although they're no longer manufacturing Amateur gear, Cubic is still in business as a government/military supplier. Their number in San Diego is (619) 277-6780. Also, Grace Brock, a retired Swan employee, owns and operates Brock Publications in Oceanside. Her company sells bound copies of Cubic manuals, and perhaps also Swan and Atlas. She might be able to give you the exact information you're looking for. The phone number for Brock Publications is: (619) 757-0372.

If this info is helpful to you, and if it's not inconvenient, I'd appreciate e-mail on whatever history you uncover.

73,
Jack WB3U
jackl@pinetree.microserve.com

25. FT-1000D FOR SALE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: clw@icon.net
Message-ID: <clw.5.00172345@icon.net>
Source record: 207929

I have a mint 3 year old Yaesu FT-1000D for sale. This is is still in the box as received from the factory for all update and mod's. No scratches, all original manuals and boxes.

$2900.00 + shipping.

26. Drake UV-3

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: orville.hawkins@theorem.com
Message-ID: <1ef.11406.4295@theorem.com>
Source record: 207930

Looking for a Drake UV-3 220 & 440 module. Anyone having one or knows of where to find one please reply. Thanks

* OLX 2.1 * He that loveth not knoweth not God, for God is love.

27. HTX 202 Packet problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: Hink@bbs.c4systm.com
Message-ID: <1996Jan01.012234.24078@c4systm.com>
Source record: 207931
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

I have a young han friend that is trying to get a packet station on
the air using a Radio Shack HTX 202 and a Baypac tnc. This set up will
not work with the HTX 202, but works great when used with other radios
and ht's. There seems to be a problem with audio from the htx 202 to
the tnc. The tnc does not want to decode the htx 202 audio. But
remember, it works great with other rigs??????????
We playe dwith the deviation and it did not help the problem. I did
this in spite of the fact that i belive that it is a problem with the
audio out of the radio speaker jack, not the tx audio.
THE QUESTION IS........
Has anyone had this problem???
If so, how did you fix it??????????
Your help would be greatly appreciated.. The subject tnc has a xmas
gift for this 11 year ham.. He is dying to get this thing on the air!!
tnx and 73 Mark.. NU8Z
--
Mark Hinkleman, user of the UniBoard System @ c4systm.com
E-Mail: Mark.Hinkleman@bbs.c4systm.com

C4 Yourself BBS Voice: (517) 423-3454 Fax/BBS: (517) 423-3667
C4 Systems, Inc. 6585 Hack Road, RR#1, Clinton, Michigan, USA 49236-9530

28. Re: What rig did the downed Pilot in Bosnia use?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <4c9a2e$age@abyss.West.Sun.COM>
Source record: 207932

In article <c1d7cb$b147.88@NEWS>, Glenn Thorn <ke3mf@atc.ameritel.net> wrote:
>Most likely it was a PRC-90 (or a newer version), A small hand held
>carried by military flight crews. The PRC-90 xmitts on 243.000 MHz
>(the Guard or emergency frequency) and 282.800 MHz. It has MCW
>capibility and a morse code chart on the back cover. I believe it also
>has a beacon mode.

I glanced through Scott O'Grady's book (_Return With Honor_) while
at the mall last week. The most I can gather from O'Grady is that
the initial contact between O'Grady and the search craft was by
voice. O'Grady speculates that the search party had heard his
radio's low power "guard" mode, which, I take it, is a beacon.

There was no mention, at all, of Morse code. The reports of Morse
code use appear to be unsubstantiated.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *

29. FS: Ham Equiptment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: scorpion@digital.net
Message-ID: <4c7068$qa7@ddi2.digital.net>
Source record: 207991

For Sale

Ham Radio Equiptment:

- Kenwood TS-450/AT Transceiver
- Alinco DJ-580T 144/440mhz handheld
- Astron RS-35M Power Supply
- Kantronics KAM+ Packet Radio
- 50' Aluma Tower: Crankup/Tilt-down
- 40' Steel Tower: Crankup/Tilt-down
- Hygain HAM IV rotor w/200' cable
- Yagi: 4 element 20m mono-bander (Hygain)
- Gap Challenger DX-VIII Vertical Antenna
- AEA Isopole 2m Vertical
- 4XL coax cable 150'
- RG-213/U coax cable 150'

**Make Offer on all items.
Contact Joel Mandigo [KR4FJ]
Phone: 407-569-3719
internet: scorpion@digital.net

30. Is the IC706 HF side, Triple or Double

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: mfp@aros.net
Message-ID: <4c7a4q$ekl@news.aros.net>
Source record: 207992

```
Question, since ICOM, won't answer this, is the HF+6 meter side of the
IC 706 a double or triple conversion receiver....
```

31. Re: Full-Breakin CW w/ L4B?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: fitr%mimi@magic.itg.ti.com
Message-ID: <4c7f55$9ju@tilde.csc.ti.com>
Source record: 207993

In article <4c6lsh$oc8@rock101.genie.net>, flanagan@genie.com says...
>
>I am considering getting a Drake L4B amp to use with my TS-940. Will
>the L4B handle full breakin out-of-the-box or will I need to make some
>keying/control mods to it?
>
>73, Dick W6OLD

No QSK on the L4B... the L7 has full breakin. You'll need to mod your L4.

--
73 from Joe Fitter BV/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine only

32. Require FT530 Freq Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: alanp@netspace.net.au
Message-ID: <alanp-0101961319550001@dialup-a2-13.mel.netspace.net.au>
Source record: 207994

Hi All,

I have US model FT530 which receives 130-174 & 430-450 Mhz.
Australian model is advertized as receiving 140-174, 420-500 + 800-950 Mhz.

Does anyone know of any mods, key sequence at power on, or wiring, to modify
the receive freq range ?

Please reply to alanp@netspace.net.au

73 de VK3EAP / AA3DB Alan Ponting Happy New Year

33. FT40 Mod wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: otterson@mindspring.com
Message-ID: <4c7g1m$mp7@brickbat.mindspring.com>
Source record: 207995

I got me a new FT40 for Christmas, but the "remove 0 ohm resistor M
and reset" mod did not expand my receiver coverage at all.

Does anybody have an expanded RF mod that works?

Jeff Otterson
----
otterson@mindspring.com
Maker and user of tools
PGP key available at http://www.mindspring.com/~otterson/pgp.htm

34. WTB - 1.8 and 0.5khz for TenTec

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: 75034.1566@compuserve.com
Message-ID: <4c7k85$bbp@dub-news-svc-1.compuserve.com>
Source record: 207996

Wanted: Optional 1.8 and 0.5 crystals for the TenTec Omni C (Model 546)

Contact me at 75034.1566@compuserve.com

35. Re: HTs for HF

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: fitr%mimi@magic.itg.ti.com
Message-ID: <4c7ock$sqd@tilde.csc.ti.com>
Source record: 207997

In article <4c7ndu$efo@newsbf02.news.aol.com>, snpcross@aol.com says...
>
> Hi there, my name is Shawn. I remember seeing an article on an 40 M
>HT by Tokyo Hi-Power (might have been Toko but I think they make
>transformers). The authur was a guy in Texas who took his HT on a 3 day
>camping trip with Boy Scouts. I think it was in the September 1994 QST.
>Sorry I can't give you any more info.
>-Shawn
>SnPCROSS@AOL.COM

Hi, the rig is made by Tokyo HiPower. Rig is HT-750, and is a QRP 3 watt
rig covering the 40, 15, and 6 meter amateur bands. It is sold in JA but
is not currently distributed in the USA. I sent an email on this rig to
another ham. If you need it, let me know and I'll pass it along.

p.s. Shawn is correct on the article being in 73 Amateur Radio Today magazine
back in 94.

--
73 from Joe Fitter BV/N0IAT Taipei, Taiwan R.O.C.
Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine only

36. vhf/uhf ssb equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: richesop@cici.com
Message-ID: <4c7q7v$1h1@latte.cici.com>
Source record: 207998

I am going to try my hand at vhf/uhf ssb work. The question is do I use
transverters or get a all mode rig? Comments pro/con for each are welcom.
--
| Peter D. Richeson/KA5COI
---+--- richesop@cici.com
| "...There's only one life and when comes the last call
| We'll find that the Bible was true after all!" -- Bethany Farms
****
http://www.cici.com/~richesop

37. TS-690S or IC-736 - Help me please!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: vk8mr@ozemail.com.au
Message-ID: <4c7p2u$bb0@oznet03.ozemail.com.au>
Source record: 207999

Friends,

I am interested in purchasing an all band plus 6 meter rig in the near future and was wondering if any of you out there have personal experience with either of these rigs? There are advantages and disadvantages to both and I am interested to here from those of you who have them who may have some useful info to help me decide which of these two to buy (or if these are even the best to consider!). I have only had my Ham license for a little over 2 years and greatly appreciate the experience of those of you who have been in the hobby a lot longer.
I currently have a Kenwood TS-820S, but it is out of action. I sent it in to Kenwood Australia a while back for a minor digital display repair and got it back with a blown bias circuit and blown tubes. Needless to say, Kenwood claims it was working when it left their shop and so I've been left holding a boat anchor. This has put me off Kenwood more than just a bit. In the past, I've had nothing but Kenwood equipment, from car stereos to home entertainment equipment, but this last run in (which is a real long story unto itself) has left me reconsidering my next HF radio purchase. So, I come to those of you with more experience than me.

Best 73's and good DX!

Mike
VK8MR / KG0NG
Making friends through Amateur Radio
VK8MR@ozemail.com.au

38. Re:Scheduler With Output Function

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: jrsmith@nitco.com
Message-ID: <4c7qs7$r2v@aegis.nitco.com>
Source record: 208000

I would like to know if the Creative Labs Soundblaster card, along with Scheduler, can be equipped with an output function. You know, to turn something on and off with.

If not, do you know where I can obtain such a card and software?

Thanks

Jim

39. TSCM Counter Surveillance, Privacy, & Security Page

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: jmatk@tscm.com
Message-ID: <jmatk-0101960842160001@jmatk.tiac.net>
Source record: 208001
Cross-posted to:
comp.security.misc,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,comp.security.unix

Happy New Year!!!!!

TSCM, Counter Surveillance and Debugging Page new materials... Check it out...

http://www.tscm.com/

Large section on TSCM test equipment
Large section on TSCM training and career paths

- James M. Atkinson "...shaken, not stirred"

40. Re: Location of Mods files please

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: kg7hq@paccar.com
Message-ID: <4c8mhd$3h7@ender.techcenter.paccar.com>
Source record: 208002

Hello Ken,

In article <4c70rv$dun@kira.cc.uakron.edu>, ken@marconi.w8upd.uakron.edu
says...
>Can anyone tell me if there is a central location for amateur radio
>mod files?
Try FTPing to oak.oakland.edu under hamradio. There is a mods database in there
that should help out.
--
"Handcrafted From The Finest ASCII"
73's de KG7HQ

41. Re: Inside 706 Mic....?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: Steve Ellington <n4lq@iglou.com>
Message-ID: <30E80F36.25AA@iglou.com>
Source record: 208003

RICKCRIDER wrote:
>
> Have any of you tech types dissected an Icom 706 hand mic.....#HM-103...?
>
> I peered inside and found a regular looking electret mic element buried
> below and behind the plastic front plate. Behind the slots that you
> speak into there is a large metal disc....about 36mm in diameter and 2mm
> thick, with a thick rubber pad in front of it. It's just screwed to the
> faceplate, with no electrical connections to the mic or circuitry.
>
> Any good explanation for this design? Seems that the metal disk and
> rubber would hamper more that help. Anyone experimented with this?
>
> Thanks.....
> Coridally:
> Rick Crider
> KD4FXA
> Monroe NC

Hey Rick. I wonder if that's why no one can get enough alc? I'll let you experiment with it then maybe try mine. What say you just fire up the rig with the mic opened and try modulating it with the extra parts out of the way?

42. Re: Need Kenwood repairman CT/MA for AT250

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-01 00:00:00 UTC
From: ko4ta@mindspring.com
Message-ID: <4c8rfe$q9s@stealth.mindspring.com>
Source record: 208004

white_hae@ccsua.ctstateu.edu wrote:

{I have a Kenwood AT-250 that probably needs a relay replacement. Does

{anyone know of a good Kenwood repairman in the CT/Southern New
England area?
{Thanks es 73
{Harry/N1QVE
There is a guy in Georgia that is extremely good on Kenwoods. He
even sells some do it yourself repair video's for various Ham
Equipment, especially Kenwoods. If there was anything wrong with one
of my rigs he is the only one I would let touch it!

His name is Milton Lord "N4DA" and he is called the "Radio Doctor".
He has a Web address to service his customers....

http://www.mindspring.com/~n4da/top.html

you can get his local address and phone number from that. I have one
of his "How to" videos and it's great!

You are cordially invited to stop by the World Wide Web Page for A.S.A.P. Protection
Company at....

http://www.mindspring.com/~ko4ta/alarm.html
Burglar/Fire Alarm Equipment for Sale at "Installer Direct" Pricing!

43. Re: Source for tubes for HW-16 and HG-10B

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: berger@bergeron.btv.ibm.com
Message-ID: <4cbvj5$156k@mdnews.btv.ibm.com>
Source record: 207855

Dave, Electron Tube Enterprises carries all the tubes you have requested at very reasonable prices.

Contact them at the following address and request their new 1996 catalog

Electron Tube Enterprises
Box 8311
Essex, Vt 05451
E-mail: etetubes @ aol.com

44. Which IC-706, TS-50 or FT-900

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: bn8czz@aol.com
Message-ID: <4cc0v0$rjq@newsbf02.news.aol.com>
Source record: 207856

Help, going to buy a new moblie HF rig soon and wonder which would be better. The Icom IC-706 the Kenwood TS-50 or the Yaesu FT-900? Please Help and Thanks

Bruce N8CZZ
BN8CZZ@aol.com

45. I have problems with my HR-2510

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: carlosr@csulb.edu
Message-ID: <4cc0e5$1hb@garuda.csulb.edu>
Source record: 207857

I an experiencing the typical problem os skiping frequencies with this unit. I know it is a common, problem with this radios. I think maybe it is the vfo that I have to change. Does anyone know if this is the problem, the price of the device that I have to change and were I can get it?
Carlos

46. Re: Which IC-706, TS-50 or FT-900

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: n4lq@iglou2.iglou.com
Message-ID: <DKKprD.A41@iglou.com>
Source record: 207858

Which mode do you operate? Is space a consideration? What about 6 and 2
meters? Does price matter? I have the 706. I like it a lot. Any
questions? I 'de be glad to help.

BN8CZZ (bn8czz@aol.com) wrote:
: Help, going to buy a new moblie HF rig soon and wonder which would be
: better. The Icom IC-706 the Kenwood TS-50 or the Yaesu FT-900? Please Help
: and Thanks

: Bruce N8CZZ
: BN8CZZ@aol.com
--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

47. TS-820 Intermittant Digital DIsplay

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: Frank Dziurda <k7sfn@dziurda.reno.nv.us>
Message-ID: <4ccckv$2o2@news.greatbasin.net>
Source record: 207859

Does anyone have any suggestions what might be causing an intermittant
Digital Display on a Kenwood TS-820S. It does not seem to be heat
related and the radio seems to work fine. (Dirty VFO Cap???)
Thanks for reading this.

Frank K7SFN (k7sfn@dziurda.reno.nv.us)

48. Re: 6 Meter Duplexers???$$$

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: Bill Bennett <bb@tisc.com>
Message-ID: <4ccd6s$ive@taxis.corp.titan.com>
Source record: 207860

For new ive seen $1800.00 for 6 cavity
I built mine, see up front in qst Feb 96

49. Re: IC-706 Price -- are US Hams paying too much ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: Martin.Rask@mailbox.swipnet.se
Message-ID: <4ccfg1$278@mn5.swip.net>
Source record: 207861

In article <4ca8mt$nav@tilde.csc.ti.com>, fitr%mimi@magic.itg.ti.com
says...
>
>For what it's worth---
>
>Been seeing most prices for the Icom 706 quoted
>between 1199 and 1299 US$ from the big stateside
>dealers and from comments on the 'net. Most places
>that have them in stock seem to be selling for about
>1249 $US.
>
>
Hi Joe saw you letter and just want to tell you if the prce you say is
right we do pay allot of extra money over here in Sweden HI. for the
IC706 we pay about 13500 SKR wich is about 1800USD !! really expensive if
we compare to the US !! but if you could gett if for under a thousand US
dollars in JA i shure would like one HI. oki thats all I think 73's de
SM7VHS /Martin

50. IC706 in Ford Explorer...Where??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: Peter Bealo <peter.bealo@iis.varian.com>
Message-ID: <4cbcuv$aa7@falcon.varian.com>
Source record: 207862

Hi, just curious if there are any other Ford Explorer owners out there who have IC 706's installed. I am in the process of installing mine, but am up in the air about where to put the main unit. I mounted the remote head above the 4 wheel drive buttons and routed the control line in the crack between where the front dash face meets the top of the dash.

Right now, the main unit is in a tupperware box (without lid, god knows ham radio has enough lids!!) under the driver's seat, but I am worried about moisture getting into it there.

Advice from others who have studied the same issue would be appreciated.

Peter WB2MJG
Peter.Bealo@iis.varian.com

51. Manual for RS Timekube offered

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: gbaker@bbn.com
Message-ID: <4cc8u9$bh8@info-server.bbn.com>
Source record: 207863

I have a Radio Shack Timekube manual (WWV receiver, Catalog #12-158, 12-159)
which I would like to give away to anyone who has the unit and needs a manual.
It contains the both the operating instructions and the schematic.

73,
Glenn, WA2IWM
gbaker@bbn.com

52. Adress to HENRY RADIO in us ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: Martin.Rask@mailbox.swipnet.se
Message-ID: <4ccfpp$278@mn5.swip.net>
Source record: 207864

Hello everyone and thanks for reading this i would like to get the adress
to HENRY RADIO in the states does anyone have it ??
I�m also looking for the adress to REC RADIO also in the US
this is beacaues i wnat to by a new tubeamp from the US it is impossible
to get one new here in Sweden HI.. so many thnaks in advance an 73�s
de SM7VHS /Martin

53. Re: MFJ 2m and 6m radios

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: kn6cr@aol.com
Message-ID: <4cb0a8$htm@newsbf02.news.aol.com>
Source record: 207865

Just for info--
I talked to Delaware HRO last week and they said they have the MFJ 6
meter rig on back order, but expect that it might be in by sometime late
this month...
Matt AA2ZD

54. Kenwood TH22a extended coverage????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: M.Dent@lancaster.ac.uk
Message-ID: <4cb0qh$453@info1.lancs.ac.uk>
Source record: 207866

Hi, does anybody know of an extended coverage mod for the kenwood
2m HT, TH22A?? Mine currently covers 144-146.
Thanks
Mike G6PHF.
mike@lurpac.lancs.ac.uk

55. Re: IC-706 Price -- are US Hams paying too much ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: al bolton <al@boltons.demon.co.uk>
Message-ID: <820578566snz@boltons.demon.co.uk>
Source record: 207867

In article <4ca8mt$nav@tilde.csc.ti.com>joentam@transend.com.tw "Joe BV/N0IAT" writes:
> For what it's worth---
> Been seeing most prices for the Icom 706 quoted
> between 1199 and 1299 US$ from the big stateside
> dealers and from comments on the 'net. Most places 1249 $US.
> In Singapore, the quoted price was between 1400 and
> 1450 SGP dollars. The exchange rate is about 1.4 sing
> to 1 US dollar, making the '706 about a thousand
> I made a quick check with a few folks up in JA....
> this puts the Icom rig at under a thousand bucks USD.
> Anyone in VK or G/F/I/DL/EA/SP etc. care to give a
> price in your neighborhood on the Icom HF IC-706?

Hello Joe,
I had to laugh-we poor Amateurs in the UK pay in Pounds what you pay in Dollars
in the US generally...!
Although the price is somewhat variable in the UK, we would have to pay around
1100 to 1300 Pounds for the '706...that's about 1600 to 2000 Dollars! Of course
we are taxed to the hilt here with Value Added Tax at 17.5 percent,etc, etc.
Consider yourself VERY lucky that you can buy gear so cheap in the US!
I'll see if I can find out how much the '706 would cost in OK/OM-at a guess it
would be 3000 Dollars!
Regards and a Happy New Year!

Al Bolton
OK8VSQ/G4VSQ/OM
Sal'a, Slovakia,
Caversham, UK.
---

56. IC-729 PLL Unit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: Massimo <max@tvol.it>
Message-ID: <4cb3tu$kfi@server-b.cs.interbusiness.it>
Source record: 207868

I have an 2-years-old IC 729, and someone told me to look for D8 in the
PLL unit, so that cutting it the rtx could work wider.
I've found on the schematic diagram D8 in PLL unit, but it seems to
belong to a -5V Power Supply circuit.
Does anybody know something about IC-729 (or IC728) PLL unit ?
I'm interested to know what is the exact function of that diode, and if
there is any possiblity to modify rx coverage.

57. (no subject)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: John Hoffmann <jjh@west.net>
Message-ID: <4cb4jt$7up@daffy.sb.west.net>
Source record: 207869

NEED ICOM IC-R1 HANDY RECEIVER

58. NEED ICOM IC-R1 HANDY RECEIVER

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: John Hoffmann <jjh@west.net>
Message-ID: <4cb505$7up@daffy.sb.west.net>
Source record: 207870

SEND MY A MESSAGE IF YOU HAVE A IC-R1 FOR SALE

59. Alinco DR-610?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: gottria@aol.com
Message-ID: <4cbbjc$l76@newsbf02.news.aol.com>
Source record: 207871

Just wondering if this radio is good. I've looked at this radio and it looks preaty good. I The Yaesu FT-8500 and don't really care for it. There's to many movements to just program th PL. So I'am looking at the DR-610. Any comments???

60. Dec La-50 printer setup

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: n0nas@hamlink.mn.org
Message-ID: <820569967.AA04812@hamlink.mn.org>
Source record: 207872

I recently purchased some old DEC LA-50 dot matrix printers to use for
repeater and packet logging. But I never had a manual and lost the info
for how to set the DIP switches for selecting serial speed, bits, etc.
Does anyone have the info handy to send a message? Thanks for the help.
73's.
Doug Reed, N0NAS email: n0nas@hamlink.mn.org

* SLMR 2.1a * On a clear disk you can seek forever

61. Need info ic02at!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: oh1kll@pakk.fi
Message-ID: <4cbdrh$pgg@idefix.eunet.fi>
Source record: 207873

Hi!
Where I can get modification instructions(wide frequese band...)
Please Mail me....

Markus
oh1kll@pakk.fi

--

62. Re: FT-980 CAT PROGRAM

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: cjrobins@falcon.eag.unisysgsg.com
Message-ID: <4cbdr4$59r@falcon.eag.unisysgsg.com>
Source record: 207874

Ed Coan (ed@aloha.net) wrote:
: Bradley Mitchell wrote:
: >
: > Hi all, I have an FT-980, and I have the k5yef program, but
: > can't seem to get it to work. I made the interface, and rx data and
: > tx data are going both ways, and appropriate levels. It put's the
: > transceiver in external mode, then it craps out.
: >
: > Any ideas? Any programs with source code?

: I did some FT-980 programming when it first came out. The FT-980 CAT
: system has an undocumented quirk in that it needs an extra comm cycle to
: set up it's internal stack when the CAT system is first enabled. I used
: K5YEF's program many years ago, but I seem to recall that I had to start
: it twice to get the comms working. See if you can reach K5YEF for his
: comments.

: 73. Ed.

I used an FT-980 with two versions of K5YEF's program with no program problems.
I did find that the program would hang if the input wasn't just quite right
though. I had lots of subtle problems with my interface. When these were all
cleared up, all was well. The FT-980 interface is really quite strange. All
commands are repeated back to the computer for verification. The K5YEF program
does actually do a verification, so if something is marginally wrong, it will
not send the execute command to the xcvr and it hangs. (I think thats what
happens. Been a while since I have looked at the program.) Check the
interface to be sure that the waveforms are nice and sharp and square. Would't
hurt to call K5YEF, either. He seems to be a very nice guy.

73 and Good Luck, Clair K0CJ

C
interface to be sure that the waveforms are nice and

63. Any McElroy bug collectors out there? Need info!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4cbf9o$60u@mksrv1.dseg.ti.com>
Source record: 207875

I bought a McElroy bug over the holidays and I'd like some info on it (age, value, etc).

It has a cast iron base, with black wrinkle-finish paint, that is 6" long and 3-7/8" wide. The beam, damper, and most of the hardware is chrome plated. There are three suction cups on the base to hold it in place (although they are rotted). The nameplate says "Radio Telegraph Apparatus by World's Champion Radio Telegrapher", then "T. R. McElroy Boston, Mass. U.S.A." and also a MAC logo.

Any info appreciated. E-mail to QRP%mimi@magic.itg.ti.com

64. Location of Mods files pl

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: ej.johnson@digcir.cts.com
Message-ID: <960102160025244@digcir.cts.com>
Source record: 207876

KRT}}Can anyone tell me if there is a central location for amateur radio
KRT}}mod files?

Try the QRZ WWW page , Just type QRZ into your browser!
EJ!

* OLX 2.1 TD * "Not tonight baby.....I have a modem."

65. Icom 2GXAT - Extended receive?!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: butte.wbst129@xerox.com
Message-ID: <NEWTNews.820615007.28279.Pbutterf@butter-pc.ess.mc.xerox.com>
Source record: 207877

Hi all,
My folks just purchased an Icom 2GXAT 2m handheld. At least initially, it is limited to ham band receive, but the specs of foreign models of the same radio imply the capability for extended receive. I suspect this is done by simply holding down a few keys during power up, but don't know what they are? Any 2GXAT owners out there who know the answer?
Regards,
Paul
KB2TCG

66. (no subject)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: Earl Stagner <us000143@interramp.com>
Message-ID: <4cc1cc$ed0@usenet4.interramp.com>
Source record: 207878

Looking for a Kenwood 680 HP rig.

Thanks

Earl Stagner Phone 1-805-665-2759

67. Yaesu FT530 vs. Icom IC-W21AT (also WTB: used HT)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: davidl@leland.Stanford.EDU
Message-ID: <4cd41n$4qb@elaine19.Stanford.EDU>
Source record: 207879
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Hi,

I'm interesting in purchasing either the Yaesu FT-530 or Icom IC-W21AT dual-band HTs. Both manufacturers are having specials on these models and they can be had for about $380 new. Can anyone recommened either of these 2 radios or are they about the same? Apparently the IC-W21AT is a close-out so I can't find info on this model in any of the magazines.

I'm also interested in purchasing a used dual-band HT (2m, 70cm) or used 2m HT so if you have one in excellent condition that you'd like to sell please send me e-mail.

Thanks,
-David

davidl@leland.stanford.edu

68. Info on IC-706 ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: hduff@humnet.humberc.on.ca
Message-ID: <8206265744302@lss.humnet.humberc.on.ca>
Source record: 207880

I've seens several posts about the IC-706...many are second or third
hand. I'd like to hear from OWNERS of the radio...I have some specific
questions...

1. Whats up with the lack of sensitivity just outside the 2m band ?
I understand that the rig is deaf as a mute though there is some
"yellow wire" mod that improves this. Does the same mod adversly
affect intermod on 2m ?

2. I read that the radio runs quite hot when using it during a QSO
even during an average TX/RX cycle. I also read that the fan
is quite noisy. Is the fan noise that bad ? Is the temperature of

3. People have been complaining about the poor mic audio on TX.
How bad is it and is there a concensus that it is common to
the model or perhaps just certain lots ? There was talk of
removing some rubber disk within the mic...what is it there
for and does it help ?

I've been a Kenwood man up until I saw this little ICOM innovation.
It really has my attention so I'm thinking of selling my TS-50
and a few other goodies to purchase a 706. I wonder if previous TS-50
owners who now own a 706 care to compare HF performance of both ?
I'm told that options for ICOM radios are expensive. What I can't
beleive is that the mobile mounting bracket for the 706 is an OPTION !?!?
C'mon ! This is a mobile radio. Even $50 CB radios come with a mount....
and ICOM (thru the dealers) want a pretty penny for this punched/painted
pressed piece of steel. I find this revolting.

Comments welcome preferably by e-mail.
Many thanks...
Hugh Duff VA3TO Toronto

• NFX v1.3 [000]

69. Re: Ameritron Amplifiers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: mike_cash@mlngw.chinalake.navy.mil
Message-ID: <mike_cash-0201960928060001@cash_mike.chinalake.navy.mil>
Source record: 207881

In article <4bvekn$ms6@merlin.delphi.com>, THOMAS COSTA
<tomcosta@mci.newscorp.com> wrote:

> I've been thinking of getting a HF amp, and wondered if anyone has
> any comments on the Ameritron 811 series?
> Any info would be helpful.
> Thanks,
> Tom N9GMW

I have used the 811H for two years on all bands. Works great, even when
I miss tune and over drive. I would buy another one. Best power to
dollar value.

--
Mike, KN6IS

70. Re: Scheduler With Output Function

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: flanders@znet.groupz.net
Message-ID: <4cbuj0$pjl@news1.sunbelt.net>
Source record: 207882

jrsmith@nitco.com (James R. Smith) wrote:

>I would like to know if the Creative Labs Soundblaster card, along with
>Scheduler, can be equipped with an output function. You know, to turn
>something on and off with.

>If not, do you know where I can obtain such a card and software?

>Thanks

>Jim

Jim, I once used a "Solid State Relay" controlled by one of the output lines on a serial port. I controlled 110 VAC power to a device with it. I used a very simple BASIC program to switch it ON/OFF (BASIC can read your computer's clock and thus react to time changes).

The serial output ports have several (3-4) lines which can be controlled this way. Don't remember all the details. E-Mail if you are interested in building something of this sort and I will come up with more details. The circuit is VERY simple, as is the program.

Jerry Flanders W4UKU South Carolina

71. Re: IC-706 Price -- are US Hams paying too much ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: c.buenger@atlantis.ndh.com
Message-ID: <605fhIB0NOB@atlantis.ndh.com>
Source record: 207883

>Anyone in VK or G/F/I/DL/EA/SP etc. care to give a
>price in your neighborhood on the Icom HF IC-706?
>Just curious if this is unique to the USA or not.

Not only US Hams are paying too much! Also German Hams are paying too much. In our stores the Icom 706 costs about 2500 DM. That's equal to (based on an exchange rate of 1.43 DM = 1 $) 1748 $. According to your mail the IC 706 costs about 1300 $ in the US. Even there it is too expensive. So you see: German hams are also paying too much, but this is usally the case. Its the same with TV, VCR, Handycams etc. Technical equipment is much more expensive in Germany than in the US.

73 de Christian, DL6KAC

InterNet: c.buenger@atlantis.ndh.com

CrossPoint v3.1

72. Looking for 900MHz ATV equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: richesop@cici.com
Message-ID: <4ca1e0$a9e@latte.cici.com>
Source record: 207933

I am looking for some 900 MHz atv equipment. I want to put up a 900 MHz ATV
repeator. So far all I can find are converters whos output is TV ch 3 or 4.
I need baseband and will need both rec and transiter. Can any one help.
--
| Peter D. Richeson/KA5COI
---+--- richesop@cici.com
| "...There's only one life and when comes the last call
| We'll find that the Bible was true after all!" -- Bethany Farms
****
http://www.cici.com/~richesop

73. Re: MRF-240 & MRF-240A Transistors

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: mchenier@fox.nstn.ca
Message-ID: <4ca1gu$2l1@news.nstn.ca>
Source record: 207934

In article <4c2jms$l2t@emf.emf.net>, randyk@emf.net says...
>
>[Article crossposted from rec.radio.amateur.misc]
>[Author was Randy Kielich]
>[Posted on 30 Dec 1995 05:38:34 GMT]
>
> Our repeater has blowin it's finals. We desperately need
these
>transistors for our finals.
>
> No one seems to have them at Motorola etc. Anyone have some
or a
>'solid' lead on where to find these?
>
> Many thanks;
>
> _Randy Kielich N6WDV
>
>
You should have no trouble getting these or similar RF Gain parts from
Richardson's of Mississauga (suburb of Toronto) Ontario - they carry
most every RF device I've ever needed including new tubes

74. CodeQuick

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: REDLIGHT@NANDO.NET
Message-ID: <REDLIGHT-0101962032590001@vyger1406.nando.net>
Source record: 207935

Can anyone tell me about CodeQuick? I understand that it is a real good program for learning code or upgrading skills...Where can it be bought and how much.

thanks

mike

--
Mike - Raleigh, NC USA

Opinions expressed herein are my own and do not in any way represent those of my employer.

75. IC-706 Price -- are US Hams paying too much ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: fitr%mimi@magic.itg.ti.com
Message-ID: <4ca8mt$nav@tilde.csc.ti.com>
Source record: 207936

For what it's worth---

Been seeing most prices for the Icom 706 quoted between 1199 and 1299 US$ from the big stateside dealers and from comments on the 'net. Most places that have them in stock seem to be selling for about 1249 $US.

Last week while in Singapore, I swung by Sim Lim Tower on Jalan Basar road and visited several of the ham radio shops. Several had the IC-706, USA version (at least according to the english owners manual and warranty card). What surprised me was the discounted price on those units.

In Singapore, the quoted price was between 1400 and 1450 SGP dollars. The exchange rate is about 1.4 sing to 1 US dollar, making the '706 about a thousand bucks USD. Not believing that this price was "real", I made a quick check with a few folks up in JA....

So...I called a JA friend of mine up in Tokyo and had him check the prices in Akihabara, also a well known shopping area for ham and electronics gear. Sure enough, the price on a US-version was JPY 98,000. With the exchange rate at about 102 yen per dollar, this puts the Icom rig at under a thousand bucks USD.

So...unless the prices in the states are going to drop after the first of the year, I'd say you all are paying about 2 hundred bills too much for that new rig! Judging by the number of units sold, the radio stores are finally making some profit margin!

Anyone in VK or G/F/I/DL/EA/SP etc. care to give a price in your neighborhood on the Icom HF IC-706? Just curious if this is unique to the USA or not.

Thanks and 73, Joe

p.s. I did NOT get one in Singapore Just was checking prices.

--
73 from Joe Fitter BV/N0IAT Taipei, Taiwan R.O.C.
Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine

only

76. Yaesu FT-51R -800MHz recieve???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: kmp3@unix.asb.com
Message-ID: <kmp3.4.00531BAE@unix.asb.com>
Source record: 207937

Does anyone know if the ft51r can be modified to recieve 800 MHz???

77. Kenwood TH-79(D) 800MHz???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: kmp3@unix.asb.com
Message-ID: <kmp3.5.0054A074@unix.asb.com>
Source record: 207938

can the radio be modified to recieve 800MHz???

78. Knwd TH-79(D) vs. Yaesu FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: kmp3@unix.asb.com
Message-ID: <kmp3.6.0055F116@unix.asb.com>
Source record: 207939

I am interested in peoples experiences with the two radios???

79. Re: Yaesu FT-51R -800MHz recieve???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: ctbaker@taco.engr.ucdavis.edu
Message-ID: <4cac2b$fi6@mark.ucdavis.edu>
Source record: 207940

Ken (kmp3@unix.asb.com) wrote:
: Does anyone know if the ft51r can be modified to recieve 800 MHz???

You can do the extended receive and transmit mod that will let you "tune"
the radio from like 70 Mhz to 999 Mhz but it wont actually receive
anything in the cellular range...

Chad

80. 6 Meter Duplexers???$$$

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: kmp3@unix.asb.com
Message-ID: <kmp3.7.00807080@unix.asb.com>
Source record: 207941

What are the price ranges of good 6mtr. repeater duplexers new / and used...???

81. Wanted - Circuits/manual for HP 608E sig gen

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: andrew@redash.qut.edu.au
Message-ID: <4cagm3$2bs@stork.qut.edu.au>
Source record: 207942

Hi
I need a circuit diagram or preferably a full service
manual for a Hewlett Packard VHF signal generator
type 608E - 10 - 480 Mhz - serial no 833-03128. I appear to have
a problem with the ALC section. Main osc is running and
there is 2v pk on un-cal output but neglible output from
attenuator. Probing shows very low level sig into driver stage.
If you have a copy of the circuit diags or a full service manual
I am willing to pay whatever costs are required to get a
copy to Australia !

Thanks in advance... Steve

andrew@redash.qut.edu.au

82. R7 Comments

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: OscarJ@ix.netcom.com
Message-ID: <4cadlk$7nb@ixnews8.ix.netcom.com>
Source record: 207943

Am thinking about purchasing a R7......would appreciate any comments someone may have.

Thanks,
Oscar Jackson
KB4HAM
OscarJ@ix.netcom.com

83. Info about 'Emperor TS-5010' wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: filius@arnor.et.tudelft.nl
Message-ID: <4cbhvi$bb1@mo6.rc.tudelft.nl>
Source record: 207944

Who can send or point me to info about the Emperor TS-5010 (10 Meter)

Any info is welcome

Arjan
Dm

84. Yaesu FT-736R AGC Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: lloyd korb <korb@xraymkt.picker.com>
Message-ID: <1996Jan2.152815.28543@picker.com>
Source record: 207945

I have an apparent AGC problem with my FT-736R. There is an audio distortion (crackling sound) with the RF gain control full CW. If I back off the gain so the S meter does not move there is no problem. As an example, if the signal is say an S9 I adjust the gain so the S meter stays at S9. At this point there is no problem. As I increase the gain, so the AGC starts working, the distortion comes back. It is also noticable on noise. If I have say an S2 line noise level I get the crackling noise until I adjust the gain so the S meter sets at S2.

I have had the rig back to Yaesu one time but they did not correct the problem. The warranty runs out in May so I would like to get this resolved.

If you have an FT-736R I would appreciate any help you can supply.

Please respond to my E-mail address since I can not receive replies here.

Thanks, 73

Lloyd Korb K8DIO KORB@XRAYMKT.PICKER.COM

85. Re: Ten-Tec Paragon-software ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: Paul_N_Nix@aud.alcatel.com
Message-ID: <Paul_N_Nix-0201960946260001@paul_nix.aud.alcatel.com>
Source record: 207946

In article <30E71215.795E@kuai.se>, Mats Sundstr&#65533;m <mas@kuai.se> wrote:

> Where can I get software for controlling a Ten-Tec paragon ???
> Happy New Year
> Mats / SM4KSM

Mats:

Which Paragon do you have, the original or the Paragon 2 ?

I have a first generation Paragon (bought in 1988), and
have some experience with remotely controlling the radio.

The newer Paragon 2, which's been available for either
1 or 2 years (can't remember) has a completely different
processor, and its control protocol follows the ICOM
CI-V standard very closely.

73

Paul Nix, WB5AGF
e-mail: Paul_N_Nix@aud.alcatel.com

86. Re: Require FT530 Freq Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: Paul_N_Nix@aud.alcatel.com
Message-ID: <Paul_N_Nix-0201961009080001@paul_nix.aud.alcatel.com>
Source record: 207947

In article <alanp-0101961319550001@dialup-a2-13.mel.netspace.net.au>,
alanp@netspace.net.au (Alan Ponting) wrote:

> I have US model FT530 which receives 130-174 & 430-450 Mhz.
> Australian model is advertized as receiving 140-174, 420-500 + 800-950 Mhz.
>
> Does anyone know of any mods, key sequence at power on, or wiring, to modify
> the receive freq range ?

> 73 de VK3EAP / AA3DB Alan Ponting Happy New Year

Alan (also responding directly via e-mail):

When I bought my FT-530 in June 1993, it was no problem to get Yaesu
to fax me a modification sheet, showing how to 'open-up' the coverage.
I have heard that since then, Yaesu has become very reluctant to
provide the information (presumably due to that fool U.S. regulation).

My FT-530 required that 2 or 3 tiny 'jumpers' be removed from the
circuit board, and then the radio was powered-up while holding down
certain keys (think the "Up" button). A friend bought a FT-530 last
year (1994) at Dayton, and his radio's circuit board had a much
simplier method to allow the coverage to be expanded, as it had
a green wire that simply got 'snipped' (there may have been a bit
more than that). So, there appear to be at least two slightly
different circuit boards available.

With my radio, the only problem was that the surface mount components
(the 'jumpers') as VERY small. There were (I think) two solder 'blobs'
that had to be removed (turned-out to be simple, one touch of small
temperature controlled soldering iron tip, and the surface tension
pulled the solder off cleanly), and one "zero Ohm" jumper. The "zero
Ohm" jumper was so tiny that, when I got it off, I stuck it under
a piece of tape, and put it on a file card, just so I could remember
how small it was. It looks like a tiny fleck of solder.

My FT-530 now covers down to 110 MHz, and so I can listen to aircraft,
which is why I did the modification. The FT-530 does suffer from images,
as it's receiver 'front-end' is wide open, so you may hear 2 Meter
repeaters 30 MHz (twice the 1st IF) below their true frequencies.
But, that's a common problem with the new radios that can tune from
'DC-to-blue-light' (to quote an old Air Force friend).

Good Luck;

Paul Nix, WB5AGF
e-mail: Paul_N_Nix@aud.alcatel.com

87. Probs with Yaesu 2M in Belgium.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: Laurens <100342.1365@CompuServe.COM>
Message-ID: <4cbos9$g5u$2@mhafm.production.compuserve.com>
Source record: 207948

Hi all, I'm new to amateur radio (have yet to get my license) but my dad has an old Yaesu FT-290 2m (all mode) xceiver (he *does* have his license). It has gathered dust for many years but taking it out of the mothballs has been fun. Unfortunately it seems to be very unresponsive. I can only get 1-2 stations in Belgium (close to Brussels) and they are broadcasting thru repeaters. Is the Belgian seen so empty or is the Yaesu broken. TIA

88. Re: Have you had a bad 2 mtr power module - Toshiba S-AV24 ?? (In Yaesu FT-5200)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: tbaltz@neosoft.com
Message-ID: <4cbost$ok0@uuneo.neosoft.com>
Source record: 207949

In article <4c1c8r$nsf@alpha.pcix.com>, Charlie <charlie@pcix.com> wrote:
>I have a Yaesu FT-5200 that uses this module in the 2 meter
>final. The module is now defective after about 2 years of use,
>but what got my attention was that I saw another ham selling
>the same rig with the same problem about two weeks ago.
>It's a pretty expensive component - almost $100 at RF parts.
>I'm inclined to take issue with Yaesu over this defect,
>especially if it's widespread. Comments??
>
>73, de Charlie, KS1C
>

Yup, I've had to replace mine in my Yaesu 5100 after 14 months of use.Have a feeling it was a heat related failure - the heatsink is too small on this radio (imho), combined with the thermistor that turns the cooling fan on & off. Anyway, I did the mod to have the fan on all the time...wish I would have got to it before it fryed :-(

Took about a week to fail solid - first it would cut out on hi power (50 watts), then it worked fine just on low power, then nothing.

89. Re: Is "Code Quick" any good?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: tbaltz@neosoft.com
Message-ID: <4cbp98$ok0@uuneo.neosoft.com>
Source record: 207950

In article <4bt2te$m6s@newsbf02.news.aol.com>, zaax@aol.com (ZaaX) wrote:
>I would like to hear from anyone that has used "Code Quick". Did this
>system
>work for you? Any info will be appreciated.
>
>73
>Zack Schindler
>N8FNR

Just posted my humble opinions in rec.radio.amateur.misc

90. Re: FS: Ham Equiptment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: kgk@nwu.edu
Message-ID: <kgk-0201961225430001@kgkmac.repoc.nwu.edu>
Source record: 207951

In article <4c7068$qa7@ddi2.digital.net>, scorpion@digital.net (Joel Mandigo) wrote:

> For Sale
>
> Ham Radio Equiptment:
>
>• Kenwood TS-450/AT Transceiver
>• Alinco DJ-580T 144/440mhz handheld
>• Astron RS-35M Power Supply
>• Kantronics KAM+ Packet Radio
>• 50' Aluma Tower: Crankup/Tilt-down
>• 40' Steel Tower: Crankup/Tilt-down
>• Hygain HAM IV rotor w/200' cable
>• Yagi: 4 element 20m mono-bander (Hygain)
>• Gap Challenger DX-VIII Vertical Antenna
>• AEA Isopole 2m Vertical
>• 4XL coax cable 150'
>• RG-213/U coax cable 150'
>
>**Make Offer on all items.
>Contact Joel Mandigo [KR4FJ]
>Phone: 407-569-3719
>internet: scorpion@digital.net

Joel

I'd be interested in the Astron RS-35M Power Supply. I'll offer $80 if it's in decent working condition. This is the next item I need and was planning on purchasing at the next ham fest if I find one.

I'm guessing you want to sell everyting as a lot. If not let me know on the supply.

Thanks and Happy New Year.

Ken

-- _----
Kenneth Kalan PP ASEL ===_ / |
Northwestern University | ___/[__] ___/__ |
Prosthetics Research Laboratory |__ _|___|_____===/
Rehabilitation Engineering Program | \/
kgk@nwu.edu N9YIR o O
Civil Air Patrol, 2LT,1st Lyons Composite Squadron - Red Fox 407
Melrose Park RACES 1M64 Skywarn Weather Spotter

http://kgkmac.repoc.nwu.edu/
If you pick up a starving dog and make him prosperous, he will
not bite you. This is the principal difference between a dog
and a man. -- Mark Twain
---

91. Yaesu CAT windows program

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: Paul Moller <Paul_Moller@csg.mot.com>
Message-ID: <30E9732E.3A44@csg.mot.com>
Source record: 207952

I have found and used a couple of pc programs that will use the Yaesu CAT system to control hf radios (ie: FT-890)from the pc serial port. So far all I can find are DOS versions. Are there any nice windows (95?) versions that give you a picture of the radio and all of that neat stuff?

Paul_Moller@csg.mot.com

92. Re: Yaesu FT-51R -800MHz recieve???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: Stefan Kowal <100627.3426@CompuServe.COM>
Message-ID: <4cbts7lvi1@mhadg.production.compuserve.com>
Source record: 207953

What will the set actually recieve after the mod?

93. Re: 6 Meter Duplexers???$$$

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-02 00:00:00 UTC
From: Chris Boone <72732.2610@CompuServe.COM>
Message-ID: <4cbv2g$m4e$1@mhadg.production.compuserve.com>
Source record: 207954

6mtr duplexers can cost you 1 grand new....and 200-up used!

73
Chris

--
Senior Telecommunications Technician 72732.2610@CompuServe.com
ENTERGY/Gulf States Utilities 1:106/4267 FIDOnet
WB5ITT - Advanced Class BBS- 409-447-4267 (WBBS)
PG-9-5322 FCC Commercial 409-525-2001 PhoneMail 24hr

94. Help wanted on Icom Mic connector

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: egroen@solair1.inter.nl.net
Message-ID: <DKMD4G.799@inter.NL.net>
Source record: 207805

```
Hi everyone,
Can anyone mail me the pin assignment of the "normal" 8pin mic socket
of the Icom HF radio's.
Tnx
73 Enno
```

95. Re: IC-706 Price -- are US Hams paying too much ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: Peter Bealo <peter.bealo@iis.varian.com>
Message-ID: <4ce4cv$de7@falcon.varian.com>
Source record: 207806

I am not surprised the shops in S'pore are offering the '706 cheaper...over the years I have dealt on occasion with various stores along Nathan Rd. in Hong Kong and found the same thing. However, I found this true with pretty much all rigs from all the Japanese manufacturers. It seems that they'll work on slimmer margins (what they lose on each sale they make up in volume!!) then pretty much all stores in the USA, so its not just the '706.

Best Regards

Peter WB2MJG We Buy Two Much Japanese Garbage

96. WANTED: Central Electronics 200V

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: greg roecker <roecker.greg@ist.vf.mmc.com>
Message-ID: <4ce8a6$5rt@tel.den.mmc.com>
Source record: 207807

I am looking for a Central Electronics 200V Transmitter. Prefer a working unit. Please state condition and price.

Thanks and 73,

Greg Roecker
N4OSJ
770.552.0540 (Atlanta)

roecker.greg@ist.vf.mmc.com

97. Re: Mic Element Question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: Tom Pfaffenbach <tvpfaffe@mail.delcoelect.com>
Message-ID: <4ceq7s$q0d@kocrsv08.delcoelect.com>
Source record: 207808

Chris; you probably have an impedance mismatch rather than a bad microphone. Drake used to supply a hand held high impedance ceramic mic with their earlier T4XB transmitters, I believe
that the TR-7 mic looked very similar but was entirely different. Check and see what your desk
microphone's specified output impedance and levels are, and then try a handheld with similar
specs.

73 K9JDU

98. Antenna Tuner for IC-706; other comments

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: rcarpen@DGS.dgsys.COM
Message-ID: <Pine.SOL.3.91.960103155210.2614A-100000@DGS>
Source record: 207809

While ICOM may have designed the AT-180 for the IC-706, you will note
that the 706 also carries a socket that allows direct connection of their
AH-3 automatic tuner. The AH-3 is claimed to tune essentially any piece
of wire, while the AT-180 can only hanadle a range of nearly-resonant
antennas - as best I can read the specs.
So, forget the AT-180; get an AH-3.
Anyone have a good used AH-3 that I can buy??

Despite the miracle that is the IC-706, ICOM seems to have pulled a
couple of boners in its design.
1) Not understanding(?) the non-ham VHF environment in North America and
Europe has led them to accept a design which results in far too much
intermod above 60 MHz (except where the "2 meter" front end filter can be
used - see yellow-wire mod).
2) A similar lack of understanding has led them to choose a far-too-wide
FM BC IF filter. Appropriate-bandwidth filters, with the same dimensions,
are available from the same manufacturer that they use. Since most FM BC
radios are made in the Far East and Japan, I'm surprised that ICOM's
engineers were unaware of good engineering practice in the choice of the
IF filter.
Ah, but I've been seeking perfection. The 706 would still have been my
choice even if I had I known of these problems before purchasing it.
There is no competition for my uses: 100W up through 6m, all-mode 2m,
general-coverage LF-MF-HF receiver with wide and narrow IF on AM, coverage
to look for European TV below 6m, air-band coverage, 162 MHz weather
coverage (with yellow-wire mod). A judiciously-tuned single L-C trap
allows me to hear the FM BC stations that are most important to me.
73 de Bob w3otc

99. Re: IC-706 Price -- are US Hams paying too much ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: ag368@FreeNet.Carleton.CA
Message-ID: <DKM2G3.Dsr@freenet.carleton.ca>
Source record: 207810

Joe BV/N0IAT (fitr%mimi@magic.itg.ti.com) writes:
> For what it's worth---
>
> Been seeing most prices for the Icom 706 quoted
> between 1199 and 1299 US$ from the big stateside
> dealers and from comments on the 'net. Most places
> that have them in stock seem to be selling for about
> 1249 $US.
>
> So...unless the prices in the states are going to
> drop after the first of the year, I'd say you all are
> paying about 2 hundred bills too much for that new
> rig! Judging by the number of units sold, the radio
> stores are finally making some profit margin!
>
> Anyone in VK or G/F/I/DL/EA/SP etc. care to give a
> price in your neighborhood on the Icom HF IC-706?
> Just curious if this is unique to the USA or not.
>
> Thanks and 73, Joe
>
> p.s. I did NOT get one in Singapore Just was
> checking prices.
>
> --
> 73 from Joe Fitter BV/N0IAT Taipei, Taiwan R.O.C.
> Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
> Licensed Radio Amateur since 1986 //comments are mine
> only
>
Well Joe,

I checked the prices up here an the only local dealer has them for $1975
CDN. + 15% in taxes.

73

--
Mark Boyer VE3MJB ag368@freenet.carleton.ca

HELP, HELP we're twapped in a Dash 8 going wound and wound. A day in the
life at uAmps R us.

100. Re: USA Ham Suppliers-sell to Europe?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: Leonardo <davinci@access4.digex.net>
Message-ID: <Pine.SUN.3.91.960103104630.9563M-100000@access4.digex.net>
Source record: 207811

Check out the source section of ham radio at http://www.hobbies.com

On 18 Dec 1995, LUIS JOSE LEAL MARTINS wrote:

>
>
>
> :Garry Walker (garry@bonney.u-net.com) wrote:
> : Hi there I was wondering if there are any US Ham Radio equipment
> : suppliers who readily sell equipment to Europe. I am aware of the
> : additional 'costs' incurred by this method, however it is still 'in
> : many cases' worth the effort. Also are there any US suppliers who
> : have their catalogues available via the Internet, I woulld appreciate
> : further details.
>
> : Regards Garry
>
> : ---------------------------------
> : G0IHB, GX0TEN, F/G0IHB/P
>
> : Internet:garry@bonney.u-net.com
> : Packet: G0IHB@F6KBO.FBRE.FRA.EU
>
> : ---------------------------------
>
>
> Hi, I'm trying to do the same, try:http://www.hamradio.com
>
> They have a large list of equipment.
>
> 73, Luis Martins
> CT1FNK
>
>
>

101. Re: Is the IC706 HF side, Triple or Double

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: Paul_N_Nix@aud.alcatel.com
Message-ID: <Paul_N_Nix-0301960941060001@paul_nix.aud.alcatel.com>
Source record: 207812

In article <4c7a4q$ekl@news.aros.net>, mfp@aros.net (mfp) wrote:

> Question, since ICOM, won't answer this, is the HF+6 meter side of the
> IC 706 a double or triple conversion receiver....

Response:

If you're talking about SSB & CW, then I believe double conversion
is the right answer.

The IC-706 converts incoming signals to a first IF of about 69 MHz.
That's then mixed down to 9 MHz, which's where SSB & CW get demodulated.
Best I can remember, narrowband FM gets mixed down to 455 kHz (don't
have the schematic at-hand to confirm this), and I think the wideband
FM gets mixed to the 'usual' (for FM broadcast radios) 10.7 MHz.

Miscellanous Comments Regarding The IC-706's Mixing Scheme:

With the IC-706 using a DDS derived frequency reference, in the 'middle'
of the PLL synthesizer that supplies the 1st mixer's injection, and with
a second DDS chip providing the 9 MHz 'BFO" signal, a rather interesting
capability is used to provide the 'passband tuning'. Whereas on other
radios the 'passband tuning' feature is usually provided by mixing the
incoming signal 'across' a narrow filter's response, and then mixing it
'back' to the original frequency range, using the same oscillator to mix
the signal 'across' the filter and then 'back' to its original frequency
(such that there's zero frequency offset), on the IC-706 'passband tuning'
is provided by 'slewing' the 1st mixer's injection frequency one 'way',
while simultanously 'slewing' the 9 MHz BFO the 'other way'. The net
effect is to 'move' the signal 'across' the 9 MHz filter's characteristic
as with the older method. If you 'twist' the passband tuning quickly,
while listening to an AM station via the SSB mode, you can, just for an
instant, hear a beat note as the 1st mixer's injection frequency, and
the BFO frequency, don't exactly counteract each other (I suspect the
1st mixer's injection frequency is a little slower to respond, since
it's derived through a PLL synthesizer, whereas the 9 MHz BFO signal
is coming directly out of a DDS chip, and that should slew frequency
very rapidly).

The IC-706 has a 'true' FSK RTTY modulation capability (although it's
of questionable use with Amateur digital schemes moving towards multi-
tone formats like CLOVER II and PacTOR II). The 9 MHz DDS chip (which
also provides the BFO signal during receive) is switched back-and-forth
by an incoming DC keying signal, to directly generate an FSK signal.
That 'says' that ICOM depends on their 9 MHz DDS chip to be able to
switch quite rapidly between two selected frequencies. The IC-706's

'setup' mode lets the user 'tell' the radio's processor what FSK "Mark"
frequency, and what "Shift" to use on RTTY, selecting from 2 or 3
choices that the processor 'knows' about.

73

Paul Nix (WB5AGF)
e-mail: Paul_N_Nix@aud.alcatel.com

102. Re: How High?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: rsmall01@aol.com
Message-ID: <4ce8i4$qrp@newsbf02.news.aol.com>
Source record: 207813

The FCC allows structures up to 200 feet without approval.

103. Re: Which IC-706, TS-50 or FT-900

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4ce90h$5nm@mksrv1.dseg.ti.com>
Source record: 207814

What about the Alinco DX-70T? I have one and really like it.
It runs a solid, honest 100 W PEP,and the audio reports have
been excellent. Great receive audio also. A good basic rig
that's perfect for mobile use (mine is a dedicated mobile).
It doesn't have some of the bells-n-whistles that the Icom
has, but it's $300 cheaper, and really, how much of those
fancy features will you ever use while operating mobile?
The DX-70T is also remote-able using optional cabling kits
and mounting hardware. The Kenwood isn't, and the Yaesu
leaves many of its controls on the main chassis when the
front panel is remoted (inconvenient).

Just my humble opinion. 73 de KC5NG

104. Re: ANY HAM SHOPS IN LAS VEGAS????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: rst-engr@oro.net
Message-ID: <4cees8$fae@hg.oro.net>
Source record: 207815

jastorm@ix.netcom.com (Jim Storm) wrote:

>ericw@iaehv.nl (Eric-Jan W�sten) wrote:

>>HI!

>>A friend of mine will visit Vegas next week. Can anyone give me some
>>info on a hamradio shop out there??
>>If you know there is NO shop, plaese tell me also, so my friend won't
>>bother searching the yellow pages.

>>73 de Eric PA3CEV
>>email to:
>>ericw@iaehv.nl
>>\ Eric-Jan Wosten DDS
>> \ Best, Holland
>> ========================
>>
>>Internet: ericw@iaehv.nl
>>AMPRnet: pa3cev@pa3cev.ampr.org
>>AX25:pa3cev@pi8zaa.#bra.nld.eu

>How about Amateur Electronic Supply
>1072 N. Rancho Drive
>702-647-3114

> 73, Jim WB6LWS

Amen, and have him give my best to Squeak, one of the finest gentlemen
in the business.

Jim

Jim Weir VP Engineering | "We seem to be standing on
RST Engineering | the foreskin of technology."
Grass Valley CA 95945 | (Gen. Chuck Yeager)
voice/fax 916/272-1432 |
rst-engr@oro.net AR Adv WB6BHI CFI A&G/Comml Inst A&G/A&P/C-182A N73CQ

105. WANTED: KENWOOD 621A INFO

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4ceafk$nn0@news.ccit.arizona.edu>
Source record: 207816

Hi: I bought a Kenwood 621A 2m/220 mobile used recently. Works fine and I'm satisfied with it, but need some info. Looking for a manual and instructions for the out-of-band mod. The radio already has the mod, so my interest is in reversing it. Also interested in hearing of any undocumented features this model may have.

Also looking for whatever optional extras were made for the radio. Things such as a remoting kit, PL DEcoder, voice module or anything else. Perhaps someone out there knows if there were other models that used the same options? A list of model numbers and option model numbers would help in my search.

Thanks much, Chris Weddle, N7RME, Mt. Lemmon, Az.
cweddle@as.arizona.edu

106. Re: Alinco DR-610?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: greg@core.rose.hp.com
Message-ID: <DKMqGn.80L@icon.rose.hp.com>
Source record: 207817

G OTTRIA (gottria@aol.com) wrote:
: Just wondering if this radio is good. I've looked at this radio and it
: looks preaty good. I The Yaesu FT-8500 and don't really care for it.
: There's to many movements to just program th PL. So I'am looking at the
: DR-610. Any comments???

I just picked up one before Christmas. This is my first Mobile rig, so I may be off base here, but the usability of the DR-610 is, well, lousy. I have no experience with any other mobile radio, including the Yaesu "Mister Potato Head" rig.

I also have an Alinco HT (580T), and the two radios have some of the same programming sequences. In fact, that was one reason I went with the 610 - to have a common interface. My base rig is a Yaesu FT-767, and my fingers have a hard time going from one to the other.

The problem with the 610 is that it seems that there were either 2 or 3 different people working on its user interface. It's inconsistant, which to me is worse than just being clumsy. For example, to turn on one sort of scan, you hit the scan button. Hit it again to turn it off. Good. Now you want to scan differently, well, you hold the UP or DOWN microphone button for a second. To turn off, hit Scan (on the radio, not the Mike!). A third "scan" (the spectrum analyzer) turns on with the button next to scan (I forget how it's labeled, but it's not at all obvious how the label and functions are tied), then to turn off you need to hit F, *THEN* the key. Similar inconsistencies exist with changing memory banks (MR key or the knob on the left), the allocation of some functions as primary (T/TSQL) vs secondary (SHIFT) is different than the HT, use of the F key to complete a sequence sometimes and not others, etc.

There is also a rather small two-sided (rocker) switch located above the left knob which controls access to VFO A/B or Memory, which is too small, and too close to the knob. There must have been a better place for this switch, and/or allocation of those functions to the main row of buttons.

I also object to the now-common practice of making the first 2 digits of the frequency in a smaller font than the rest. When you can use either band on either side of the radio, those first 2 digits (14 vs 44) make a *BIG* difference; they are as important as the rest, and should be displayed so.

Now, ignoring for the moment how you access them, the radio's features are great. Even though it looks like a gimick, the crude spectrum analyzer (Channel Scope, I think they call it) is useful. The radio has good frequency coverage, including air-band, lots of memories, and 2 VFOs on each side for each band. I have yet to get it installed in my car, but sitting on the bench it has performed well. I have no complaints here.

Perhaps the usability, or rather, the lack thereof, is "normal" for mobile radios. If so, the amateur radio industry has a great opportunity here!

Greg KO6TH

107. Icom R100 noise problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: mudcat@netuser.com
Message-ID: <mudcat-0301960912410001@bothe.netuser.com>
Source record: 207818

When scanning between two bands, say 154.010 and 360.150, I notice a pop
when the R100 shifts between the two frequencies.

Does anyone else notice this too?

Is there anything that can be done to remedy this?

--
Mud Cat

108. Re: National HRO 50R receiver information

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: gregp@primenet.com
Message-ID: <gregp-0301961926180001@ip211.msp.primenet.com>
Source record: 207819

In article <DKLptx.Ax2@inter.NL.net>, erwin.cremers@ingram.nl (erwin cremers) wrote:

> Hello,
>
> I need information on the National HRO 50-R receiver.
>
> This receiver hase been in my collection for aboud 10 years now ,but
> needs to be re tuned and some of the bulbs need to be replaced.
>
> So what am i looking for :
>
> Schematics , manual basically i need everything there is .
>

Try the following places:

DBA National Radio Company
229 Marginal St
Chelsea, MA 02150

Musty Manuals
645 Wheeling Rd
Wheeling, IL 60090

Antique Electronic Supply
6221 S Maple Ave
Tempe, AZ 85283

Hopefully someone will have something.

Greg Putrich / gregp@primenet.com [II]

PGP-Key 27E97EBD = 62 0E B9 A2 45 D2 64 AC 8A B4 6D 9D 5B 23 90 1F
So little to do, so much time.

109. web page

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: jstroppe@uhl.uiowa.edu
Message-ID: <4cehrr$n00@flood.weeg.uiowa.edu>
Source record: 207820

Does Ten-Tec have a web page? Thanks

John WA0VYZ

--
John Stroppel | Internet: jstroppe@uhl.uiowa.edu
The University of Iowa - Hygienic Lab | Amateur Radio: WA0VYZ
Oakdale Research Campus, OH-M7A | Voice: (319) 335-4500
Iowa City, IA 52242 | Fax: (319) 335-4555

110. TS-940s

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: asken@primenet.com
Message-ID: <4cffpm$lh5@nnrp1.news.primenet.com>
Source record: 207821

I have the ts-940s and when I adjust the alc I get to position 1.5 on the knob before anything happens, then between 1.5 and 2 on the knob, it pegs the needle. It should not be that sensative. It is not the mike. Does anyone have any suggestions?? Thanks.
KEn

111. HELP: MOTOROLA ht mike

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: tlierman@earth.execpc.com
Message-ID: <4cf1eh$me7@daily-planet.execpc.com>
Source record: 207822

Can anybody get a schematic for a Motorola handhelp speaker mike, part # NTN4849A ... I picked it up at a hamfest and wanted to use it on my radio, the speaker mike works fine but when you transmit nothing comes over the air (it keys up though). I did have to rewire it but the circuit is SMT and I'm having problems generating my own schematic... Thanks for any help!

Tim
KB9MCT

112. Re: Info on IC-706 ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: Paul_N_Nix@aud.alcatel.com
Message-ID: <Paul_N_Nix-0301961747350001@paul_nix.aud.alcatel.com>
Source record: 207823

In article <8206265744302@lss.humnet.humberc.on.ca>,
hduff@humnet.humberc.on.ca (Hugh Duff) wrote:

> I've seens several posts about the IC-706...many are second or third
> hand. I'd like to hear from OWNERS of the radio...I have some specific
> questions...
>
> 1. Whats up with the lack of sensitivity just outside the 2m band ?
> I understand that the rig is deaf as a mute though there is some
> "yellow wire" mod that improves this. Does the same mod adversly
> affect intermod on 2m ?
>
> 2. I read that the radio runs quite hot when using it during a QSO
> even during an average TX/RX cycle. I also read that the fan
> is quite noisy. Is the fan noise that bad ? Is the temperature of
>
> 3. People have been complaining about the poor mic audio on TX.
> How bad is it and is there a concensus that it is common to
> the model or perhaps just certain lots ? There was talk of
> removing some rubber disk within the mic...what is it there
> for and does it help ?

> Hugh Duff VA3TO Toronto

Reply (also going direct e-mail)

Hugh:

Regarding the receiver above 60 MHz

Above 60 MHz the IC-706 uses two different filters during receive.

Inside the 2 Meter ham band there's a pair of transformers coupled
by a very small capacitor. I think the circuit is probably tuned
to act slightly overcoupled, to produce a 'flat-topped' response.

When the radio's tuned outside the 2 Meter ham band, a 'lowpass-
highpass' filter combination is used between 60 and 200 MHz.
From some very rough calculations I've run, reading the component
values off the schematic, and then punching them into my little
hand calculator, it looks like that's going to provide a response
somewhere between 45 and 125 MHz (there are "Poles" and "Zeros"
in the filter response at roughly 41 and 130 MHz, so I'm guessing
how far away the signal has to be to make it through the filter).

The "yellow wire" modification apparently causes the radio to
keep the 2 Meter filter in-circuit ANYTIME the receiver is tuned

above 60 MHz. From the e-mail chatter I've seen, that apparently results in substantially increased sensitivity up to about 165 MHz, but the guys say the receiver overloads fairly easily.

With my unmodified radio, I've noticed some pretty severe interferance when listening to the commercial FM Broadcast Band here in the Dallas area. But don't forget, ICOM doesn't spec the receiver's performance above 30 MHz anywhere except INSIDE the 6 and 2 Meter Bands. Anywhere else is a 'freebie'.

Concerning temperature

I've only used my IC-706 on the HF bands, but it barely gets warm. That goofy little fan (inside the radio) runs all the time, and speeds up during transmit, but the radio, even given its tiny size, seems to have no problem coping with 100 Watt SSB transmissions. Matter of fact, I've become curious what kind of 'idling' current the output transistors are set to. The IC-706 uses Motorola RF FETs, and they may be much more efficient than the bipolar transistors that are used in older radios.

Microphone Audio

I have had some concern about that ... not that it's distorted, it's just that I can't get the ALC indication to reach the level that the manual talks about. The pattern I see on my old Heath HO-10 monitor scope looks good, so I'm trying not to let the meter reading concern me. If I cut the RF output back, which I believe just changes some parameters in the ALC control circuit, then I can 'push' the ALC indication to where the manual says it should be.

The microphone provided with the radio has two rather strange metal and 'rubber' disks inside, actually blocking-off the 'grill', that make it appear as though the ICOM Engineers were trying to reduce the sensitivity. An ICOM Rep (Gary Fiber) suggested that I try removing the metal & rubber disks, to see if that would bring up the audio level. It may have helped a little, but I still run the IC-706 (when the RF transmit is set to "Hi") at the maximum (set in software) of "10". I do have a very soft voice, and many years of experience have shown that transmitter ALC circuits respond quite a bit less than when driven by more bassy voices.

One thing that really bothers me, that nobody's talked about, the microphone PTT switch has this bizarre 'snap-action', that clicks so loudly that, when you unkey there's a very distinct RF 'spike' that goes out on the air (I see it on my monitor scope). If you run VOX (of course) you don't depress the PTT switch on the Mic, so no 'spike' is transmitted. I think that I'm going to try and change-out that switch, as that's just plain dumb design on the part of ICOM, and no excuse for it.

I'm building an interface to allow me to use a Heil headset with the IC-706. When I called Heil, to get their opinion as to what needed to be done, the lady there commented that they've had problems with low audio when connecting to other ICOM radios, so I'm building up a little audio amplifier (took it out of the ARRL Handbook), to go into the adaptor box, to allow me to include a bit of gain if needed.

73

Paul Nix (WB5AGF)
e-mail: Paul_N_Nix@aud.alcatel.com

113. HELP!! Ham Needs WR-42 Waveguide Components

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: "Neil A. Gjere" <ngjere@skypoint.com>
Message-ID: <4cep1r$jog@stratus.skypoint.net>
Source record: 207824
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,sci.engr.television.broadcast

I am in desperate need of a 50 or 60 db WR-42 fixed Waveguide attenuator as well as a 0 to 40 or 50 db WR-42 variable Waveguide attenuator.

These are being used to set up some 18 Ghz Microwave Radios. My usual source for these type of components has gotten out of the as they put it, "Plumbing Business"

I only need them for a short period of time, I will pay for shipping in both directions and will reward you both financially and with unending gratitude!!!

Please respond via:
ngjere@ktca.org

73s
Neil A. Gjere
N0PFZ

114. Manuals for FT-5100

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: j.crutch@ix.netcom.com
Message-ID: <4ceulp$t86@cloner2.ix.netcom.com>
Source record: 207825

I Have a Yeasu FT-5100 New out of the box. It comes with one Operation manual witch shows the basic commands and how to turn on the radio. My questions is shouldnt there be a second manual that goes with this radio for functions like cross band repeat that the original Operation Manual did not include. I know the radio can do much more than the manual indicates.

If anybody knows if there is more information and where to get hold of it. Any help would be Great...

Thanks...
KC4DUU (John Crutcher)

--

| John Crutcher \ Specializing in CAD |
| Lexington Kentucky \ MicroStation |
| j.crutch@ix.netcom.com \ AutoCad |
---

115. IC751 power output wich potts to change power on

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: Martin.Rask@mailbox.swipnet.se
Message-ID: <4cf131$bl4@mn5.swip.net>
Source record: 207826

Hi everyone and thanks for reading this. A freind of mine has a problem
he cant find out how to change the power output on FM/CW/SSB on his
IC751A can anyone tell me on what places do we find these potentiometers
for HI and LOW adjustments (it is not mentioned in the manual)
many thanks in advance and 73 s de SM7VHS /Martin

116. Need help with JRC JST-245 problems.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: swithrow@nyx.cs.du.edu
Message-ID: <4cfr7m$k6h@nyx.cs.du.edu>
Source record: 207827

I have a Japan Radio Corp JST-245 that seems to have two problems,
and would like to know if these have been seen before or if there
are known fixes.

1. The carrier balance seems to be only 30-40 dB below peak output.
I'm sure there is probably an adjustment, but why should it be so
far out on a relativily new radio. Is there some problem with this
radio not staying in carrier balance adjustment? Measurement was made
with a spectrum analyzer, and I haven't tried adjustment to see if
it will get better.

2. The transmitted signal has impulse noise outside of what the
expected signal bandwidth would be. This noise is correlated with
voice peaks and get worse with compression on. Even with careful
adjustment of MIC gain it will not go away. Could it be ALC related
or generated. This "crackling" can be heard for several kHz (5-6)
away from the signal frequency.

Any insight would be most appreciated.
73,
Skip Withrow - WB0BBE
ah441@freenet.uchsc.edu

117. Alinco DR-590 Mod Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: n9mxt1@aol.com
Message-ID: <4cf3st$559@newsbf02.news.aol.com>
Source record: 207828

Hello,
Does anyone have any MODS for the Alinco DR-590??? Anything will
help...

Thanks..... and email me with the MODS.

N9MXT1 - Jeffrey

N9MXT - Jeffrey

118. Re: What is HF?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: Ian Kennedy <qaq682@freenet.mb.ca>
Message-ID: <Pine.SOL.3.91.960103170829.2059A-100000@winnie.freenet.mb.ca>
Source record: 207829

On Wed, 27 Dec 1995, Rich Fortnum wrote:

> I'm confused what HF is.
>=20
> I thought it was 30 to 50 MHz, with VHF being 140 MHz, and UHF being UHF.
>=20
> What is below 30 MHz?
>=20
> Cheers.
>=20
> --=20
> =AD=AD=AD=AD=AD=AD=AD=AD=AD=AD=AD=AD=AD=AD=AD=AD=AD=AD=AD=AD=AD=AD=AD=AD=AD=
=AD
> Rich Fortnum (aka BeeRich)
> F&M Breweries
> Guelph, Ontario
> rich@sentex.net (temporary)
> Renaissance Brewers of Fine Ales and Lagers=81
>=20
ELF 30 HZ TO 3 KHZ
VLF 3 KHZ - 30 KHZ
LF 30 KHZ - 300 KHZ
MF 300 KHZ - 3 MHZ
HF 3 MHZ - 30 MHZ
VHF 30 MHZ - 300 MHZ
UHF 300 MHZ - 3 GHZ
SHF 3 GHZ - 30 GHZ
EHF 30 GHZ - 300 GHZ

**=
**
Ian Kennedy qaq682 @ freenet.mb.ca
Winnipeg, Manitoba ve4mud @ ve4kv.#wpg.mb.can.n=
a

119. Re: Antenna Tuner for IC-706; other comments

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: faunt@netcom14.netcom.com
Message-ID: <FAUNT.96Jan3150949@netcom14.netcom.com>
Source record: 207830

I still think that having a good synchronous detector instead of the FM BC capability would have been a distinct improvement.

I don't need another FM BC receiver, but I certainly could use the improved performance of a sync detector on the HF freqs, especially for SWBC listening.

73, doug

120. Kenwood TS-870 info

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: chastant@smart.net
Message-ID: <NEWTNews.820731405.13127.lloyd@chastant.smart.net>
Source record: 207831

Anyone know of any technical evaluations/reviews on the new Kenwood Ts-870.
Think I heard there may have been one posted but missed it . Tnx

121. Dentron MLA-2500B HF amp - need manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: jchol@aol.com
Message-ID: <4cf6nt$68u@newsbf02.news.aol.com>
Source record: 207832

I need a manual for the MLA-2500B and will buy it or pay reproduction and mailing costs. Thanks.

73 de John, WA5TWL

122. Re: Alinco DR-MO6T or Azden 6mt any good

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: tcostas@delphi.com
Message-ID: <RVOH+DU.tcostas@delphi.com>
Source record: 207833

ZaaX <zaax@aol.com> writes:

>I would be interested in any comments on the Alinco DR-Mo6T or Azden
>PCS-7500H 6 meter rigs. Any info will be greatly appreciated.

I have had experience with both radios and have very definite thoughts
about both.

I first purchased the Azdden PCS-7500H. As soon as I got it, I installed
it in the car. Within 2 hours I knew this radio was not for me. It
suffered from the worst case of intermod I have ever heard. It had little
to no rejection for adjacent channel interference. I also discovered the
radio was quite deaf to in-band signals. It had worst 6 meter performance
than my scanner! The next day I called Azden to arrange to return it.

Now on to the Alinco 6 meter radio. I have the DR-M06 which is the 10
watt radio with 99 channels. From day one it worked great, granted the
programming required some work to get it down right. In and arround the
metro Boston area, it suffered almost no intermod related problems. The
receiver turned out to be quite hot, allowing me to hear repeaters from the
middle of the state and from southern NH with no problems.

If you are choosing one to buy, I recommend the Alinco.

By the way, I have replaced my Alinco 6 meter radio in the car and would
like to sell it. Interested? Reply to this.

73's
Tom KA1LEP

123. Re: Info on IC-706 ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: rickcrider@aol.com
Message-ID: <4cf9a3$7da@newsbf02.news.aol.com>
Source record: 207834

>Comments welcome preferably by e-mail.
>Many thanks...
Hugh Duff VA3TO Toronto

Please, everyone.....post answers to these type queries for all to read.....that's the purpose of the newsgroups. Feel free to CC the author via email if desired but don't leave the rest of us out. Thanks.
Cordially:
Rick Crider
KD4FXA

124. Aerotron Repeater?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: markem@primenet.com
Message-ID: <markem.192.00DBE8D8@primenet.com>
Source record: 207835

Our club recently acquired an Aerotron UHF repeater that's crystalled for 462.something. We'd like to move it down into the 70cm ham band. Unfortunately, even tho we got an apparently complete set of manuals with it, we can't find any specs for the channel elements so we can order crystals. The rock makers don't seem to know about them either. Anyone have any experience with these boxes? Attempts to contact the company (Aerotron, Inc. in Raleigh NC) lead us to believe they're not in business any longer. It looks like a nice unit and the price was right even if we use it for parts (the power supply alone is worth the price) but it would be neat if we can get it on the air.

Any info will be appreciated.

73... Mark AA7TA

125. Re: TS-820 Intermittant Digital DIsplay

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: galen@lamar.ColoState.EDU
Message-ID: <4cfr8n$3o6g@lamar.ColoState.EDU>
Source record: 207836

Frank Dziurda (k7sfn@dziurda.reno.nv.us) wrote:
: Does anyone have any suggestions what might be causing an intermittant
: Digital Display on a Kenwood TS-820S. It does not seem to be heat
: related and the radio seems to work fine. (Dirty VFO Cap???)
: Thanks for reading this.
: Frank K7SFN (k7sfn@dziurda.reno.nv.us)

I fixed mine by soldering the ground wires that feed the display and
the counter board. The other pins needed cleaning, but the soldered ground
works longer.
galen, KF0YJ

126. Need information on Kenwood TH-225A, VHF h/t

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: Norm_Beasley@sil.ORG
Message-ID: <01HZLX0SQL22000906@SIL.ORG>
Source record: 207837

G'Day to all readers of the digest,

I have recently purchased a Kenwood TH-225A VHF handheld. The radio is about three years old. It seems to be a fairly rugged unit and is easy to use. However, I would like to know if there are any modifications to open up the receive coverage of this unit on this unit. It receives from 141.000 to 162.995 MHz now, but I am not sure if this is the "stock" receive range, or if the previous owner modified the unit to receive over this range.

I would like to be able to receive 136.000 to 174.000 if this is possible. Or whatever is the maximum receive range of this unit. Transmit coverage modifications to cover this range would also be accepted, but would be considered "gravy".

If anyone has experience with this unit, I'd be interested in hearing the good, the bad and the ugly about it. Please respond here for the benefit of all readers. Thanks for your time and help.

Norm Beasley, KO4CB/P29NB
Internet: norm.beasley@sil.org

127. Re: Need help identifing MOTOROLA radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: rhyolite95@aol.com
Message-ID: <4cfk89$cn5@newsbf02.news.aol.com>
Source record: 207838

Sounds like a Mocom 70 consolette. It probably will tune down to 10 meter FM band. You will need a manual and crystals. Dont spend too much!!

128. Wanted: Information on the TAIT T535 Series II radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: Norm_Beasley@sil.ORG
Message-ID: <01HZLX0TRK32000906@SIL.ORG>
Source record: 207839

G'Day to all readers of the Digest,

I have acquired a TAIT T535 Series II radio, which is a 2 channel, 25 watt, type approved, commercial VHF band, mobile radio. Made in New Zealand. Fairly popular in the South Pacific countries, maybe also in Europe(?).

I have some questions and wonder if anybody out there has done much with this type of radio on the amateur bands. If so, I would like some help.

1) What needs to be done to modify the radio for the amateur bands? It has a diode matrix board for programming in the 2 (two) frequency pairs. Can the radio be modified to use the existing diode matrix board for programming more than the two fairly fixed (change by resoldering) frequencies? How? Is there any way to add an operator "interface" that would allow easy, multiple frequency selection? Is frequency scanning an option?

As far as frequency selection: the only quick and dirty way that I have heard of would be to buy four "banks" of DIP switches and solder each individual switch to a diode pair (i.e.: each individual switch on each DIP switch bank would open/close a diode pair which in turn would add or subtract a set amount of frequency spectrum). One bank for Channel A Transmit, another bank for Channel A Receive, etc. This would need to be used in conjunction with some kind of a graph or drawing to show individual DIP switch settings for each frequency of interest. It would be incredibly klunky, awkward and slow. Would BCD/thumbwheel switches be an easier/better way to do this?

I understand that the Ramsey line of 2 meter radio kits uses a diode matrix board for programming frequencies. Has anyone modified a Ramsey kit for frequency selection beyond what the diode matrix board allows?

2) If #1 above is not a good (easy/cheap) option, maybe I should think about making this a packet only radio. How does this radio perform on packet? Is this radio a "true FM" radio or does it use another type of modulation? Any special tricks to make the radio more packet friendly?

3) Is the radio a good candidate for faster than 1200 baud packet? Can this radio perform at 9600 baud? What special tricks need to be done to make it work at this speed?

Anybody care to share their experience with this radio - the good, the bad and the ugly?? Please respond here for the benefit of the Digest readers, although there is probably a very small audience of TAIT equipment users.

Thanks for taking the time to read this.

Norm Beasley, KO4CB/P29NB
Internet: norm.beasley@sil.org

129. Re: TS-820 Intermittant Digital DIsplay

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: ke3mf@atc.ameritel.net
Message-ID: <127cc$132a37.118@NEWS>
Source record: 207884

Frank Dziurda <k7sfn@dziurda.reno.nv.us> wrote:

>Does anyone have any suggestions what might be causing an intermittant
>Digital Display on a Kenwood TS-820S. It does not seem to be heat
>related and the radio seems to work fine. (Dirty VFO Cap???)
>Thanks for reading this.

>Frank K7SFN (k7sfn@dziurda.reno.nv.us)

I had to clean all the pins associated with the display and it worked
for about 3 months. The problem returned and I had to clean it again.
There is a Kenwood service bulletin out on the net that has some info
on it. Maybe try the ARRL Board.

Hope it helps...

de Glenn, KE3MF

130. FS: TI C5x DSP Starter Kits (DSKs)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: cole@netcom.com
Message-ID: <coleDKL9LC.I90@netcom.com>
Source record: 207885
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

I have several TI 320C5x DSKs (DSP Starter Kits) for sale. The TI part number is TMDS3200051. They are all brand new and have never been opened.

These kits are designed for students, experimenters, and developers who need a simple, low-cost way to prototype DSP-based applications for the TI 320C5x series of DSP chips. The kit includes a small (2.5" x 4") PC board with a TMS320C50 processor, a TI Analog Interface Circuit (AIC) chip with 14-bit A/D and D/A capable of sample rates to 19.2 K samples/sec, RCA jacks for analog I/O, and a 9-pin RS-232 host interface. The kit also includes a simple assembler, loader and debugger for the PC, a kit manual and a TMS320C5x manual.

The latest versions of the software as well as several user-written demo programs can be downloaded from the TI BBS, accessible via TI's FTP host ftp.ti.com, in directory /mirrors/tms320bbs. The board requires a 9 volt *AC* power supply capable of >250 ma. A 9 VAC 780 ma supply with the right plug is available for $8.99 from Radio Shack (Part # 273-1630).

TI sells these through distributors for $99, and purchasing them through distributors can be a hassle. I'll sell them for $60 each shipped within the US. Terms: Price is firm. The units are guaranteed against DOA. Immediate shipment if payment is by USPS or other money order or cashier's check. Personal checks are OK but I'll wait for them to clear. No CODs, please.

Randy Cole
KN6W
cole@netcom.com

131. FT-51-R Cell-Phone Rx?????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: kmp3@unix.asb.com
Message-ID: <kmp3.8.00122985@unix.asb.com>
Source record: 207886

Is the 51r in any way capable of recieving 800 MHz???

132. How High?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: cn1135@coastalnet.com
Message-ID: <4ccsi9$7sg@treasure.coastalnet.com>
Source record: 207887

I am a licensed amateur operator. How high may I legally put up an unlighted tower without offending the FCC or the FAA? I live in eastern NC about 20 feet above sea level. I am outside of the military air-restricted zone. Also, does anyone have the number or address for Roadrunner Communications?

M. Prescott
KE4LWP
cn1135@abaco.coastalnet.com

133. US PRICE OF 706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: ahyman1361@aol.com
Message-ID: <4cdirv$j3b@newsbf02.news.aol.com>
Source record: 207888

I JUST PAID 1140 DELIVERED FOR ONE.

THE PRICES MAY VARY FROM JAPAN AND OTHER COUNTRIES TO THE US DUE TO DUTY
AND TRANSPORTATION.

I DON'T THINK $1140 IS A BAD PRICE.

ALAN
KA2PVR

134. Looking for transmitter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: oguma@super.win.or.jp
Message-ID: <4cd3dj$mg@super.win.or.jp>
Source record: 207889

I would really like to find transmitter.
If possible,it is crytal controlled one and batteryis supplied with AC.

Because...

There are a few types,so we can easily find it bug.

Could you tell me the fax number or E-mail address of the shop ?
Thanks much!

Akihiro Oguma

oguma@super.win.or.jp

135. 706/TS-50/900

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: ahyman1361@aol.com
Message-ID: <4cdit9$j46@newsbf02.news.aol.com>
Source record: 207890

Bruce,

Having had all 3 I will give some non technical comments.

At the present time, my opinion most bang for your buck is the Icom-706! I have mine about 2 weeks and love it. Remember it is a HAM RADIO not a scanner! However the yellow wire mod does increase receive sen. at 160 considerably. The may be a little more intermod after the mod is done, but I can put up with it considering I got an HF rig a 2 Meter rig and a 6 Meter rig all for $1140.00 Del..... With the addition of some out of band RX that is ok in the VHF 150's and around 50MHZ, a great deal for the money.

Now for the TS-50 a good deal for a mobile HF rig small insize good specs worked well, no internal tuner and cant remote mount, some good used deals around on them. I just sold mine for 650.00...

The 900, if you want an HF only rig with an internal tune and very good specs as far as an HF rig this is the best it gets with the remote mount etc....

I still have one and my put it in mobile permantly, however , I may still opt for another 706.

All in all dollar for dollar I think the 706 is the best value..

If you have any specific questions feel free to ask.

Alan
KA2PVR

AHYMAN1361@AOL.COM or

KA2PVR@N2IMC VIA PACKET
73 FOR NOW.

136. Re: Yaesu FT530 vs. Icom IC-W21AT (also WTB: used HT)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: jtriolo@mci.newscorp.com
Message-ID: <4cda3i$fdb@klein.delphi.com>
Source record: 207891
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

davidl@leland.Stanford.EDU (David Lee) wrote:

>I'm also interested in purchasing a used dual-band HT (2m, 70cm) or used 2m
>HT so if you have one in excellent condition that you'd like to sell
>please send me e-mail.

I have a Kenwood TH-79 with all the trimmings:

5w battery pack
3w double-life battery pack
alkaline pack
MFJ speaker/mic
2-pack rapid charger (75min on 5w pack, 90min on dbl-life pack)
antenna
soft case

Radio has 80 memories +2 calls. Aside from 2 calls (one on each band),
the 80 channels can be distributed between the two bands as you need
them. It's not necessarily 40 per band. All channels can be labeled
with a 7-character alphanumeric ID.

PL encode/decode also included.

If interested, make offer. E-mail please, to jtriolo@mci.newscorp.com

73 de Jason, KD4ACG

137. National HRO 50R receiver information

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: erwin.cremers@ingram.nl
Message-ID: <DKLptx.Ax2@inter.NL.net>
Source record: 207892

Hello,

I need information on the National HRO 50-R receiver.

This receiver hase been in my collection for aboud 10 years now ,but
needs to be re tuned and some of the bulbs need to be replaced.

So what am i looking for :

Schematics , manual basically i need everything there is .

Thanks for your responce !!!

//////////\\\\\\\\\\
Erwin Cremers
Dutch Radio Operator
PE1MGR
\\\\\\\\\\//////////

138. Re: IC-706 Price -- are US Hams paying too much ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: alanp@netspace.net.au
Message-ID: <alanp-0301962251210001@dialup-a1-42.mel.netspace.net.au>
Source record: 207893

In article <4ca8mt$nav@tilde.csc.ti.com>, joentam@transend.com.tw wrote:

> Anyone in VK or G/F/I/DL/EA/SP etc. care to give a
> price in your neighborhood on the Icom HF IC-706?

I just grabbed a mag and checked an advert IC706 AUD $ 2299

at exchange rate AUD $1 = USD $0.74, is about USD $ 1700 ?

for what its worth..... 73 de VK3EAP / AA3DB Alan Ponting

139. Re: Opinions please -- Ten-Tec Paragon II

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: Paul_N_Nix@aud.alcatel.com
Message-ID: <Paul_N_Nix-0301960832020001@paul_nix.aud.alcatel.com>
Source record: 207894

In article <819737479.18164@pinetree.microserve.com>,
jackl@pinetree.microserve.com (WB3U) wrote:

> "Gregory J. Buhyoff" <buhyoff@vt.edu> wrote:
>
> >I am most interested in any opinions of the Paragon II. I have an
> >OMNI VI which I love to death.
>
> I've heard nothing but good about Ten Tec until now. Earlier today,
> I worked a guy who said he owned a Paragon for several years. He
> went on to say that the rig was really superb when it worked, and
> that Ten Tec fixed it at no charge whenever it broke, but that it
> broke often and was a nuisance. He also questioned whether the price
> of these rigs is inflated because of their policy of free repairs,
> and the frequency at which those repairs are needed.
>
> As a final note, he said he opened it up once and was of the opinion
> that the individual components were cheap, and that the (single-sided)
> PC boards looked like they were etched in someone's basement. In short,
> he claimed these rigs have terrific circuitry design, but the worst
> implementation he has ever seen.
>
> I'm mentioning this because I've already recommended Ten Tec to a
> friend who recently came back to the hobby after a long absence. My
> recommendation was based on the many satisfied users I've heard from,
> both here and on the air.
>
> Can anyone verify whether the above commentary on these rigs is
> accurate?
>
> 73,
> Jack WB3U

Response:

I've had a Paragon since March 1988, and its never broken. I have
made a few modifications to it, to make it do some functions a bit
differently, but the radio itself has never failed.

I use my Paragon a lot on AMTOR & PacTOR, and its QSK functions
flawlessly. Originally the Paragon had an external amplifier keying
relay, and its clicking drove me to distraction. But, I wrote Tentec,
and got a personal letter back from one of their VP's, who ran his
Paragon a lot on AMTOR also, and he said just to remove the relay,
citing its reason for existance as being "for the SB-220 owners

of the world". Once I pulled that relay out, the Paragon became so quiet, while running Mode A ('ARQ') AMTOR, that about the only way to tell it was switching back-and-forth between transmit and receive was to watch my ancient Heath HO-10 RF Monitor Scope.

If I was smart enough to do it, I would like to rework the synthesizer, to include a bit of DDS design, as I'd like to 'lock' the 9 MHz sideband generation source to a master reference. I'd also like to give the radio a 'smarter' RS-232 command set (the little Motorola 8 bit CPU has about all it can do in controlling the radio). But, both of these are 'things I'd like'. I have no plans to get rid of the Paragon at any time in the foreseeable future. Its control layout is EXTREMELY EASY to use (ie. all the buttons are logically arranged).

73

Paul Nix, WB5AGF
e-mail: Paul_N_Nix@aud.alcatel.com

140. Re: ICOM 706 and automatic tuners

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: Paul_N_Nix@aud.alcatel.com
Message-ID: <Paul_N_Nix-0301960856250001@paul_nix.aud.alcatel.com>
Source record: 207895

In article <4c6709$j1g@butthead.delmarva.com>, scoggin@delmarva.com wrote:

> I just bought an Icom 706 yesterday, primarily for 6 meters - at least, until
> my Army MARS application is approved. I have a 100-ft end-fed long wire
> antenna here at work and will need an antenna tuner, preferably an automatic
> one.
>
> The local ham radio store salesman was recommending an SGC-230 tuner,
> as opposed to the Icom AH-3 (they had both in stock). Does anyone have
> any experience (good or bad) with the SGC-230/Icom-706 combination?
>
> Thanks!
>
> --
> +---+
> | John K. Scoggin, Jr. Email: scoggin@delmarva.com |
> | Supervisor, Network Operations scoggin@cis.udel.edu |
> | Delmarva Power & Light Company Phone: (302) 451-5200 |
> | 500 N. Wakefield Drive NOC: (800) 388-7076 |
> | Newark, DE 19714-6066 Fax: (302) 451-5321 |
> | Ham: N3SKO |
> | Instructor, CIS Dept. |
> | University of Delaware, 447 Smith Hall |
> | |
> | Volunteer, Delaware Emergency Management Agency |
> | Officer, Delaware State Fire Police |
> +---+

Response:

John (N3SKO):

I have an SG-230 tuner, and an ICOM IC-706, but haven't had a chance
to try them out together yet. The radio's only a month old, but I've
had the tuner about 3 years.

I think that SGC prices their gear a bit more than perhaps I'd like,
but I must admit that their tuner seems to work as advertised. I go
out portable sometimes, and the SG-230 has always managed to find
a match to whatever kind of wire I've thrown over the nearest tree.

It might be very interesting to find how the ICOM tuners fair; they've
got one or two units that physically resemble the SG-230, and so their
intended use might also be construed to be similar.

I don't think anybody else's tuner has the SG-230's 'memory' function. Once its found a match, if you change frequency, and then come back fairly near to that earlier one, the tuner 'remembers' what the settings were, and it'll check to see if they still work. The effect is that the tuner can retune about as quickly as you can blink your eyes (the relays go "click", and its tuned!). Most convenient.

73

Paul Nix (WB5AGF)
e-mail: Paul_N_Nix@aud.alcatel.com

141. Re: MFJ DSP FILTER

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4cdkcr$jql@newsbf02.news.aol.com>
Source record: 207896

In article <4c1a7o$gcp@news.netvision.net.il>, Adi Doron
<adi4z4vg@netvision.net.il> writes:

>
>WHERE IS ALL THE USERS OF MFJ FILTERS, LET YOUR VOICE BE HEARD
>
>
> 73'S ADI 4Z4VG
>
>

I use one, my friends all have them.
Tom

142. Yaesu FT-51 Batt. Schematic

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: byron_hellewell@out.trw.com
Message-ID: <1996Jan3.082415.1425@batman>
Source record: 207897

Hi
Does anyone have information about the internal construction of the Ft-51R batterys. The four terminals on the charge side do not appear to connect directly to the four terminals on the radio side. The radio schematic is not very halpful either. Aftermarket battery manafacturers have not been very helpful. Thanks for any help.

Byron WB7ACJ

143. Re: ICOM 706 and automatic tuners

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: dgf@netcom.com
Message-ID: <dgfDKM2Gv.GEq@netcom.com>
Source record: 207898

In article <Paul_N_Nix-0301960856250001@paul_nix.aud.alcatel.com>
Paul_N_Nix@aud.alcatel.com (Paul N. Nix) writes:
>In article <4c6709$j1g@butthead.delmarva.com>, scoggin@delmarva.com wrote:
>
>> I just bought an Icom 706 yesterday, primarily for 6 meters - at least, until

>It might be very interesting to find how the ICOM tuners fair; they've

I found the AT180 (the tuner specifically for the IC706) a bit problematic.
There are two small switches (inside the tuner, of course) which alter it's
behavior. If your SWR is 3:1 or less at the tuner OUTPUT, the tuner is quite
well behaved and automatic. If your SWR is higher, you get to change the
switches and use a different front panel procedure to activate the tuner.
(this requires opening the tuner, changing switches, and power cycling it).
I can see no valid reason for these different modes - the tuner should just
do "best possible job" and be done with it. Also on 6 meters (the band you
specifically asked about) the tuner has a much narrower tolerance for mis-
match - antenna SWR >3 or 4:1 will result in the tuner not staying online
at all, and the activation procedure (how you operate the tuner from the
front panel of the IC706 is different - read the manual!). All in all I think
ICOM did a very poor job designing the AT180, particularly given it's price.

73 Dave WB0GAZ dgf@netcom.com

144. Re: Any amateurs in Hawaii Maui/Kona reading this?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: Leonardo <davinci@access4.digex.net>
Message-ID: <Pine.SUN.3.91.960103104432.9563L-100000@access4.digex.net>
Source record: 207899

Check out http://www.hobbies.com for worldwide ham radio sites. We are looking for volunteer board members to assist in reviewing this site and keeping it current and up to par. Lyndi, Editor at Leonardo Park

On 6 Nov 1995, Clifford Uyeda wrote:

>
> Are there any amateurs in Hawaii Maui/Kona areas reading this
> newsgroup?
>
> I will be visiting Hawaii in mid November. Wanted to find out any
> gatherings, nets, popular freq. etc...
>
> 73 de Cliff
>
>

145. FS; TEN-TEC Station

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: ECW@ssd.ray.com
Message-ID: <DKM1oH.8I@ssd.ray.com>
Source record: 207900

Posted for a friend

The following Ten-Tec gear is for sale ;

Hercules 1KW amplifier, Model 420
Paragon Xcvr, Model 585
Automatic antenna coupler, Model 253
Power Supply, (14VDC@100amps), Model 9420

Paragon Xcvr was returned to the factory for firmware update (EPROM) and alignment about four months ago. Would like to sell as a complete station, but may consider selling amp/power supply or Xcvr/tuner combinations. Would also consider taking a Kenwood TS440 as a partial trade.

Asking $2900.00 for complete station.

Please contact Lynn (401) 849-1699 (Middletown RI)

146. Need local tech to repair Micor

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: rjg@intac.com
Message-ID: <30ea7d43.1375459@news.intac.com>
Source record: 207901

Need local tech here in NJ to repair my Motorola Micor .

Please leave replies through e-mail.
Rich

147. Re: MFJ DSP FILTER

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: realbill@phoenix.net
Message-ID: <4ce0i8$6kp@gryphon.phoenix.net>
Source record: 207902

w8jitom@aol.com (W8JI Tom) wrote:

>In article <4c1a7o$gcp@news.netvision.net.il>, Adi Doron
><adi4z4vg@netvision.net.il> writes:

>>
>>WHERE IS ALL THE USERS OF MFJ FILTERS, LET YOUR VOICE BE HEARD
>>
>>
>> 73'S ADI 4Z4VG
>>
>>

>I use one, my friends all have them.
>Tom

I use one and like it very much. You must learn how to set all levels
for best results. Play around with it.

Bill, W5BBR

148. Re: Adress to HENRY RADIO in us ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: realbill@phoenix.net
Message-ID: <4ce178$75b@gryphon.phoenix.net>
Source record: 207903

Martin.Rask@mailbox.swipnet.se (Martin Rask) wrote:

>Hello everyone and thanks for reading this i would like to get the adress
>to HENRY RADIO in the states does anyone have it ??
>I m also looking for the adress to REC RADIO also in the US
>this is beacaues i wnat to by a new tubeamp from the US it is impossible
>to get one new here in Sweden HI.. so many thnaks in advance an 73s
>de SM7VHS /Martin

Martin I hope the following will help you:

Henry Radio
2050 South Bundy Drive
Los Angeles, California, USA 90025
Phone 800-877-7979
Phone 310-820-1234
FAX 310-826-7790

73's, Bill, W5BBR

149. Re: IC-706 Price -- are US Hams paying too much ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-03 00:00:00 UTC
From: mauricea@glo.be
Message-ID: <4cefp3$5aj@moon.glo.be>
Source record: 207904

fitr%mimi@magic.itg.ti.com (Joe BV/N0IAT) wrote:

Hi Joe,

>Been seeing most prices for the Icom 706 quoted
>1249 $US.

>Last week while in Singapore, I swung by Sim Lim
>......
>to 1 US dollar, making the '706 about a thousand
>bucks USD. Not believing that this price was "real",
>I made a quick check with a few folks up in JA....
>...
>this puts the Icom rig at under a thousand bucks USD.

>Just curious if this is unique to the USA or not.

You're right... start complaining about the price of Hamrigs in the
US. Maybe you should buy in Belgium! We pay AT LEAST 60% more for our
equipment than you guys do.
I don't know the 706 price in Belgium BUT here are a few references
you can check.

TS-850S 77.995 BEF ..... US$ 2600
TM-790 99.995 BEF ....US$ 3333

We have a salestax of 20.5% on this (already included).
By the way... the same goes for video, TV and other electronic
equipment. I've been in the US several times and if it wasn't for the
high importtax in Belgium (20,5% tax + 8% importduty) I think I would
have A LOT OF LUGGAGE upon returning home :-))

By the way, we're very lucky. Several years ago tax on 'luxery
articles (electronics) went down from 33% !!

My guess is that it's not the dealers who profit the most from the
pricedifference but it all has to do with TAX.

Hope this helps in your 'pricesurvey'.

73, Happy NewYear 1996.

!
* Merry X-mas
*** Happy New Year.
o**** 1 9 9 6
***o**o
*o*******

"

bye, Maurice (mauricea@glo.be)

150. FS J-COM (Ramsey) autopatch

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: ESENYAN <esenyan@medlib.hscbklyn.edu>
Message-ID: <9601041952.aa28786@news.demon.net>
Source record: 207705

J-COM personal patch, for sale: $185 + shipping. (RAMSEY Elect.)
With schematics, programming instructions, power supply etc. in
mint condition. it will do reverse, simplex or duplex patch, and
also, it has relay output. 8 position DIN plug required (Radio
SHACK item) Separate codes for long distance and local calls. Will
regenerate DTMF tones internally. Programmable CW ID.
(purchased new on april 1995, not much used.)
If you are interested I'll be glad to fax you all specs.
Does not have autodial memories.(That's why it is cheap)
all features are programmable from a touch tone phone or HT.
If you need autodial memories, I recommend you to get CSI-900
73 from N2ZEB
email to:
esenyan@medlib.hscbklyn.edu
sorry I won't be able to return your e-mail before jan 16, 1996
(I'm away for vacation)

151. Kenwood TS-870S Control Software Included

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: cliffor1@ix.netcom.com
Message-ID: <4ch7t0$igf@ixnews8.ix.netcom.com>
Source record: 207706

I am looking for any reviews on the control software that is included with the TS-870S. With all of the new features that the radio has, how much of it can be controled via the keyboard.

Kenwood claims that the software can control more than just the features of the radio and can even set the filter positions for each memory.

How versatile is the Radio Construction module. It would be nice to build your own radio on the computer screen and only use the features that you want or need. Operation can be as simple or complex depending on your needs. You can build different screens to accomodate your operation at the time.

Looking for your comments. 73

152. Re: Manuals for FT-5100

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: kgk@nwu.edu
Message-ID: <kgk-0401961359320001@kgkmac.repoc.nwu.edu>
Source record: 207707

In article <4cgt9e$hca@uuneo.neosoft.com>, tbaltz@neosoft.com (Tom Baltz) wrote:

>The 5100 has only one manual. Mine came with a slip of paper expalining how
>to set it up for cross band repeat:
>1. Tune both desired frequencies, tones, power levels in on each band.
>2. Turn radio off
>3. Turn back on while holding the RPT button.

***** REMEMBER to have the power levels set to LOW power. I think it was
accidently omited above.

>The display will replace the first digit of the freq with a R. To turn
>crossband repeat off, turn radio off, do steps 2 & 3 again.
>
>No idea why Yaesu didn't include this function in the manual, but noticed that
>Icom did the same with my dualband HT. Perhaps crossband repeat is illegal in
>some countries?
>
>Also scan the mods files at the ftp sites (QRZ or Buffalo). You WILL want to
>do the mod to have the cooling fan on all the time - I didn't, it cost me my
>finals running too hot. Also explains how to set up the front panel
>light/dimmer much better than the manual.
>
<Snip>

Ken

-- _----
Kenneth Kalan PP ASEL ===_ / |
Northwestern University | ___/[__] ___/__ |
Prosthetics Research Laboratory |__ _|___|_____===/
Rehabilitation Engineering Program | \/
kgk@nwu.edu N9YIR o O
Civil Air Patrol, 2LT,1st Lyons Composite Squadron - Red Fox 407
Melrose Park RACES 1M64 Skywarn Weather Spotter
http://kgkmac.repoc.nwu.edu/

If you pick up a starving dog and make him prosperous, he will
not bite you. This is the principal difference between a dog
and a man. -- Mark Twain
---

153. Re: Alinco DR-590 Mod Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: subbustr@whidbey.net
Message-ID: <4ch980$odq@whidbey.whidbey.com>
Source record: 207708

email me at - subbustr@whidbey.net Dave

154. TenTec Argonaut mods sought

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: turner@safety.ICS.UCI.EDU
Message-ID: <581.820788309@safety.ics.uci.edu>
Source record: 207709

Hello all:

I am very interested in collecting mods, hints and tips on the older classic Ten Tec Argonauts, the 505, 509 and 515's. I have just two that I found in QRP Quarterly.

If you have, or know of, any published or unpublished mods or hints on the Argonaut 505, 509 or the 515, could you email me about it?

I plan to assemble it all into a short list of citations at the very least, then to put together a small article for QRP Quarterly. Those who contribute will have my undying gratitude, and I am happy to cover copying costs and/or return the favor from my own little library.

73

Clark
.....

Clark Savage Turner, Graduate Student Researcher
Software Engineering Testing
Department of Info. and Computer Science 1514 Verano Place
Irvine, CA. 92717 Irvine, CA. 92715
(714) 824 4049 (714) 856 2131

WA3JPG, QRP #3526, active on HF, VHF and UHF.

155. Looking for info to resurrect Heathkit H89 Morse maschine

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: rdkeys@csemail.cropsci.ncsu.edu
Message-ID: <4cgv2k$e7u@taco.cc.ncsu.edu>
Source record: 207710

OK, there, all fine hams, hackers of the old pfarte generation, and Luddites of ancient days who prefer a ``real computer'' youse can gets yer gemittenfingerpokins into..... A Happy New Year to youse all!

I am trying to resurrect a fine and ancient Heathkit H-89 maschine for one last hurrah on CP/M (maybe also HDOS if I can ever get its workings figured out.....(:+0}.....). My basic goal is to make it run my trusty, rusty Morse Code program with my trusty, rusty Heathkit HW-16 amateur radio station (what a way to combine computers and ham radio, right!).

Anyway, one of the internetters gave me what appears to be a mostly complete, somewhat modified, H89 (and on this one I actually have the boot disks....Yeah!). Unfortunately, the docs on it are a bit sparse. There is a strange National Technical School assembly manual, with no schematics, and little board level info, and not much else in the way of docs.

The machine seems to be a 64K model (has a H89RAM piggyback board installed on the mother cpu board). It has the original hard-sectored floppy card, a double density floppy card (I am assuming it to be a soft sector controller), a 3-port serial card (I am assuming it to be the LP card and two RS-232 ports [one DTE and one DCE]), and a hard disk controller card with the end cut off to clear the top of the cabinet where a very strange hi-res graphics system was installed) (the hard disk controller is a Micronics Technology board with a plain IBM ST-225 drive).

I need to undo some of the installations to remove the funny graphics system --- I have not the foggiest what it was or is. Also, I may want to just run the thing with floppies only, so I may want to uninstall the hard disk controller unless there is a major reason to want to keep it around.

So, I need to fill in the missing blanks, so to speak, regarding the removal of various added ``features'' to make it a stock H-19 terminal CP/M computer, again.

In Particular:

1. CPU Motherboard --- Board Numbers 181-3592 85-2549-1

Missing Chips - U502 (14 pin) --- ??? (dunno what goes here at all)

U507 (20 pin) --- ??? (maybe a 74LS241N ???)

U557 (16 pin) --- ??? (maybe just a header socket and
not a chip socket ???)

SWITCH Settings - I have no idea of what the proper settings are for a
stock machine. Any help is appreciated.

JUMPER Settings - There are 7 jumpers, but what is the stock configuration
or what do JJ501-JJ507 do?

2. TERMINAL board --- Board Number 85-2650-1

Missing Chips - U428 (14 pin) --- ??? (dunno what goes here at all)

U427 (16 pin) --- ??? (maybe just a header socket and
not a chip socket ???)

U423 (14 pin) --- ??? (dunno what goes here at all)

U420 (24 pin) --- ??? (dunno what goes here at all, but
the graphics system was plugged in
here. Maybe a rom goes here???)

3. Double Density Controller board --- Board Numbers 181-3614 85-2597-1

What connectors are floppy connectors? P3 and P4 are 34pin headers, but
which goes where? Are one or both used?

What connects to the 16 pin dip header socket P5?

What port is jumpered in a stock configuration (170 or 174)?
Are the ports related to the hard sectored controller?

What jumpers are jumpered in a stock configuration (mine has J6 jumpered
with J3 set to position 1 and j4/j5/j7 are open.

4. Serial I/O board --- Board Number 85-2715-1

What ports function as LP, DTE, DCE?

P603 = ???

P604 = ???

P605 = ???

How are interrupts jumpered for CP/M use?

LP = off?

DCE = 5?

DTE = 5?

Anyone who can fill in the above blanks, has my sincere appreciation!

The only problem I see on the hardware, other than resetting up the original chips to stock, is that the power supply bridge 4 pin plug connector is missing. The plastic shell is gone, but the pins are there on the ends of the wires. This may have been a problem with the previous owner. Can anyone recommend a source for the plug shell? If not I will just tack solder the wires to the ends of the pins.

One wire seems missing from the backmost connector on the power supply board, also. I have no idea what may have originally gone there. A schematic to the power supply board (the one with the diodes and capacitors) might be of value, as would a wiring harness schematic detailing where the wires from that set of plugs originally went.

Since I don't have much in the way of docs, can anyone point me in the direction of docs for the H-89, particularly schematics and board level docs and hardware setup?

Also, if anyone has any documentation on the Microns Technology Winchester Controller board, I would love to get a copy, if the thing can work with some reasonable expectation on CP/M, again.

I would love to get the beastie up on soft sectored drives (like a pair of late model 360K PC-AT drives or maybe even a pair of 1.4 meg drives acting as 360K clones. Can the dsdd controller be used as the main boot controller and the hard sectored stuff removed (once files are transferred and sysgennied to soft sectored disks)? Surely someone has done this along the way, in the deep dark aeons of CP/M time.

Also, what amateur radio related software is around, anymore for the machine. Surely there must have been a lot in the early days. Is anyone still USING such programs, lately?

Any general comments, hints, pointers, are also appreciated.

Many Thanks to the group, again....!

Bob Keys
rdkeys@csemail.cropsci.ncsu.edu

156. Re: Which IC-706, TS-50 or FT-900

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: Paul Moller <Paul_Moller@csg.mot.com>
Message-ID: <30EC46B0.7B92@csg.mot.com>
Source record: 207711

D W Hemphill KC5NG wrote:
>
> What about the Alinco DX-70T? I have one and really like it.
> It runs a solid, honest 100 W PEP,and the audio reports have
> been excellent. Great receive audio also. A good basic rig
> that's perfect for mobile use (mine is a dedicated mobile).
> It doesn't have some of the bells-n-whistles that the Icom
> has, but it's $300 cheaper, and really, how much of those
> fancy features will you ever use while operating mobile?
> The DX-70T is also remote-able using optional cabling kits
> and mounting hardware. The Kenwood isn't, and the Yaesu
> leaves many of its controls on the main chassis when the
> front panel is remoted (inconvenient).
>
> Just my humble opinion. 73 de KC5NG

I agree with all of this as I too have an Alinco DX-70. The noise blanker has taken alot of heat lately, and yes it is less than ideal. But, turn it on and the impulse noise does go down. The objection that I have is that it tends to clip the audio peaks of people with high pitch audio, thus causing distortion. The second and I think major issue is the TX power on 6m. I talked to a technican at a ham store who claims that Alinco uses the driver output for 6m because the final does not work to 6m. For quite a long time 10w has been the standard on 6m, it seems that Icom caught Alinco "with its pants down" on this one. I saw a comment today that the fan runs most of the time on the Icom, well on the Alinco it runs rarely, and when it does is as quiet as a whisper. For me, the Icom has not been proven yet, and the $300-350 difference buys me other toys.

157. Icom 706 & CAP/MARS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: kgk@nwu.edu
Message-ID: <kgk-0401961409100001@kgkmac.repoc.nwu.edu>
Source record: 207712

I don't think I've seen this question posted yet. Can the new Icom 706 be modified for CAP/MARS use, not only on 2 meters but also on HF?

I don't have any real info on this radio other than what I've read here or seen in the AES catalog and this group has provided some interesting information.

Thanks

Ken


```
------------------------------------------------------- _----
Kenneth Kalan PP ASEL ===_ / |
Northwestern University | ___/[__ ] \___/__ |
Prosthetics Research Laboratory |\__ _|___|_____===/
Rehabilitation Engineering Program | \/
kgk@nwu.edu N9YIR o O
Civil Air Patrol, 2LT,1st Lyons Composite Squadron - Red Fox 407
Melrose Park RACES 1M64 Skywarn Weather Spotter
http://kgkmac.repoc.nwu.edu/
If you pick up a starving dog and make him prosperous, he will
not bite you. This is the principal difference between a dog
and a man. -- Mark Twain
------------------------------------------------------------
```

158. Request for Mods to ICOM R-100

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: <>
Message-ID: <4cgg4l$2bho@ausnews.austin.ibm.com>
Source record: 207713

Hello All,
A friend of mine has an ICOM R-100 receiver and uses it as part of his radio repair work. He needs it to be able to receive in the 800Mhz range. Do any of you know of any modificatios to this receiver that will open it up for the 800Mhz range. Thanks for the information in advance.
Larry Schroeder
lschroeder@vnet.ibm.com
KD4HSL

159. Re: Yaesu 8500 features please

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: username@shore.net
Message-ID: <4cghrh$r6q@shore.shore.net>
Source record: 207714

In article <4cfgnv$m6k@kira.cc.uakron.edu>, ken@marconi.w8upd.uakron.eduD says...
>
>I have read all the yaesu ads in the magazines and catalogs about the
>8500 and it looks really nice, but the documentation lacks a few things:
>
>1) does the "joystick type" microphone include a touch tone pad or is that
>only available on the other mic?
Yes. The joystick mic has a full DTMF keypad on the other side.

>2) Is there a mod available for800-900 mhz receive??
I haven't heard of a 800 Mhz mod, but there is a simple MARS/CAP mod
that opens up the TX range to 137-174 VHF, and 410-470 UHF.
>
>Any other info or comments on this rig would be appreciated.
I just picked up an 8500 today, and from what I've seen so far, they
didn't leave anything out. Without the Windows software, though, I
think one needs at least two years at MIT to actually apply all the
features.

>Regards,
>
>Ken Teleis, KZ3E/8
>
>
>
>

160. Re: Motorola Handie-Talkie freqs?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: mikek@deltanet.com
Message-ID: <4chkuj$ju0@news2.deltanet.com>
Source record: 207715
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment

Since you didn,t state the model #, They could be anywhere..... Best thing (and least expensive) is to borrow a frequency counter and check it out. Don't be suprised if you can't find the right PL tone on your Standard. HT-600's have non-standard and digital PL's.
Good luck.....

-Mike
mfogarty@netcom.com (Michael Fogarty) wrote:

>A friend has a pair of Motorola HT600's. They're two channel, commercial
>grade HTs. Trouble is, they don't seem to say on which frequencies they
>xmt and rcv. I'd like to be able to tune in with my Standard HT. Does
>anyone have this information?

>Thanks,
>mfogarty

161. Re: Austin Amateur Radio Suppy

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: Joe Freeman <joe.freeman@mail.atn.mci.com>
Message-ID: <4chi6t$3gm@hermes.dna.mci.com>
Source record: 207716
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

davros@daisy.cc.utexas.edu (KB5ELV) wrote:

>By the by, there *is* competition closer: K-Comm in San Antonio is a
>really nice store; the atmosphere is very relaxed and friendly, the guys
>there are more than happy to help you with anything you might need help
>with, even if you're not buying today, thank you very much. You can ask
>questions on equipment, and you'll get straight answers--and if they
>don't know, they'll tell you that, too. Real nice guys there; definitely
>worth the drive.

I agree...the folks at K-Comm have always been more than helpful, and
willing to special order things if necessary. And besides...if you like
good Mexican food, they're just down the road from the Alamo Cafe ;) .

BTW, they just moved -- they're now located on Gulfdale (just east of
US 281 N and south of San Antonio International Airport) on the north
side of town.

>--
>Buddy Brannan, KB5ELV | PC-MATTIC
>Voice: (512) 441-3246 | MAXIMUM Adaptive Technology
>Internet: davros@eden.com | Training, Integration, and Consulting
>davros@ccwf.cc.utexas.edu | Voice: (512) 441-3246

-- Joe Freeman, N0ODA Internet: joe.freeman@mail.atn.mci.com
MCI Mass Markets MCI Mail: 593-3824
9001 N. IH-35 Work: (512) 339-5337
Austin, TX 78753-5278 Fax: (512) 339-5444

Storm Chaser Rule #3: Never wear a hat in outflow.

162. Re: How High?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: mai@iquest.net
Message-ID: <DKo5Cr.Czw@iquest.net>
Source record: 207717

rsmall01@aol.com (RSmall01) wrote:
>The FCC allows structures up to 200 feet without approval.

Read it a little closer - depends upon your location & the air traffic if close to airport. Most matters concerning towers (including height) have found a local and/or state law governing them that will hamper you long before any federal rule applies.

WB9IQI

163. Re: WANTED: HR2510 manual or service manual.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4cgljo$81@mksrv1.dseg.ti.com>
Source record: 207718

George,

I have the HR-2510 Operating manual, and the HR-2600 Service
and Operating manuals. I suspect that the 2510 and 2600 are
very similar, with the exception of the microprocessor and
its related circuitry. I am willing to send you the manuals
so you can copy them, as long as you pay the postage costs,
treat the manuals carefuly, and return them promptly.

E-mail or phone me.

Dean Hemphill, KC5NG, (817) 497-5365 evenings/weekends
E-mail --> QRP%mimi@magic.itg.ti.com

164. Re: IC-706 Price -- are US Hams paying too much ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: Gary Davidson <Reporter@sparc1.castles.com>
Message-ID: <4ch2kq$sfq@miwok.nbn.com>
Source record: 207719

Interesting to note that for the most part, foreign countries pay FAR MORE
than we do in the U.S.A., mostly due to extremely high taxes applied by
their respective governments. Also note that these high tax rate ALSO
apply to just about EVERYTHING these folks in those countries purchase.

Why is this interesting?

Because of the large groups within the U.S. who would like this country
to be MORE like those foreign countries.

Then we could pay more for:

clothes
gasoline
food
housing
utilities
entertainment
automobiles

.. and just about anything else you can think of!

GEE... I can hardly wait to be more like THEM, how about you?

73, Gary, KJ6Q.

165. Info Wanted:: Central Electronics 600L

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: James Garland <garland@ohstpy.mps.ohio-state.edu>
Message-ID: <4ch0m3$lhb@pacific.mps.ohio-state.edu>
Source record: 207720
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

I'm restoring a 600L amplifier, but have only a few pages of "interim instructions." Does anyone have a full manual for the 600L I could copy? Also, I'd like a reference on the band couplers in the 600L (how they work, etc.). Tnx and 73,
Jim W8ZR

166. Re: What's a "Boatanchor"?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: azoth@netcom.com
Message-ID: <azothDKoD7B.3un@netcom.com>
Source record: 207721

I heard JT (jamest@netcom.com) say:

: Just out of curiosity, what's considered a boat-anchor?

There are possibly as many working definitions of 'boatanchor' as
there are lovers, and denigrators, of same. Most revolve around an
appreciation of thermionic technology, but although I grew up with
them and was actually trained in their handling, there _is_ life
after tubes, and I consider this view unnecessarily narrow. So,
you might say that there are both orthodox and reformed boatanchorites
(kinda brings to mind an image of some old fart camped out in a crude
desert hamshack, waving his D-104 in blessing at a glowing KW-1...)

I would suggest: any device larger, heavier or more demanding of power
than is necessary to accomplish its function, given the current state
of the art, by at least one order of magnitude.

I would also suggest that context, and an honest definition of function,
also matter. For example, 'portable shortwave receiver' is a functional
description of a large class of very light, small, battery-efficient SW
radios currently available to consumers. By the above definition, _any_
TransOceanic, hollow _or_ solid state, is a true boatanchor by virtue
of size, weight and power consumption. My GR-78 also qualifies, IMHO, by
weight alone, as it was also billed as a portable, and with batteries
weighs probably 12-13 pounds. It's a _sturdy_ portable. ;-)

Most hollow-state radio gear clearly meets the criteria, but much early
solid-state equipment, like the HRO-500, does also, compared, for example,
to something like an FRG-100 or Lowe 225. Putting Tubesters in a 75S-3C
doesn't make it _less_ of a boatanchor, either. My JRC twins altogether
weigh in at 30 or 40 pounds, consume not much less than 100 watts at
idle, occupy a 13"x15"x24" space and provide the functions of a 100w
HF SSB/CW transceiver. It is completely solid state, but is absolutely
a boatanchor by comparison to something like the 706, 890 or even an
'old' FT-757 or IC-701. It's also more aesthetic and fun to operate,
but that's the other side of the boatanchor coin, and not so easily
measured.

IMHO, function, form and fitness make a boatanchor, and not simply
the absence of air in some of the active devices. The big Sony monitor
sitting in my living room might _work_ as a boatanchor, but it doesn't
qualify, since it's not far from the state of the consumer electronics
art, despite having more vacuum than all my Drake, Collins and Hallicrafters
bottles combined.

73 de KF4FJH - RF Buchanan

167. Kenwood R-820 Receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: driggers@mindspring.com
Message-ID: <driggers.1.00724EC4@mindspring.com>
Source record: 207722

I am trying to locate or construct a 'tranceive' cable for a Kenwood R-820 receiver. Does anyone have one or have information on the wiring of one?
Art N4JK

168. Re: Manuals for FT-5100

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: tbaltz@neosoft.com
Message-ID: <4cgt9e$hca@uuneo.neosoft.com>
Source record: 207723

The 5100 has only one manual. Mine came with a slip of paper expalining how to set it up for cross band repeat:
1. Tune both desired frequencies, tones, power levels in on each band.
2. Turn radio off
3. Turn back on while holding the RPT button.

The display will replace the first digit of the freq with a R. To turn crossband repeat off, turn radio off, do steps 2 & 3 again.

No idea why Yaesu didn't include this function in the manual, but noticed that Icom did the same with my dualband HT. Perhaps crossband repeat is illegal in some countries?

Also scan the mods files at the ftp sites (QRZ or Buffalo). You WILL want to do the mod to have the cooling fan on all the time - I didn't, it cost me my finals running too hot. Also explains how to set up the front panel light/dimmer much better than the manual.

73 KC5HEG Tom

In article <4ceulp$t86@cloner2.ix.netcom.com>,
j.crutch@ix.netcom.com(John Crutcher) wrote:
>I Have a Yeasu FT-5100 New out of the box. It comes with one Operation
>manual witch shows the basic commands and how to turn on the radio. My
>questions is shouldnt there be a second manual that goes with this
>radio for functions like cross band repeat that the original Operation
>Manual did not include. I know the radio can do much more than the
>manual indicates.
>
>If anybody knows if there is more information and where to get hold of
>it. Any help would be Great...
>
>Thanks...
>KC4DUU (John Crutcher)
>
>

169. Re: Help wanted on Icom Mic connector

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: little@pecan.enet.dec.com
Message-ID: <4chf78$k3j@usenet.pa.dec.com>
Source record: 207724

In article <DKMD4G.799@inter.NL.net>
egroen@solair1.inter.nl.net (Enno) wrote:

> Hi everyone,
> Can anyone mail me the pin assignment of the "normal" 8pin mic socket
> of the Icom HF radio's.

Well here is the info from my various ICOM manuals:

Pin Function
--- -----------
1 Audio (pre-amplified)
2 8 Volts
3 Up/Down
4 ? (Can't tell even from schematics for sure)
5 PTT
6 Ground
7 Audio Shield (ground)
8 Receive Signal (on some models)

Hope this helps.

73,
Todd
N9MWB

170. Re: Yaesu FT-51R -800MHz recieve???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: ctbaker@taco.engr.ucdavis.edu
Message-ID: <4ch6et$n6e@mark.ucdavis.edu>
Source record: 207725

Stefan Kowal (100627.3426@CompuServe.COM) wrote:
: What will the set actually recieve after the mod?

The MARS/CAP mod will give you Rx 110-180, 320-512 MHz and Tx 100-180, 390-484 MHz. I have performed this on my unit and it seems to work perfectly.

It will not receive cellular.

Chad / KE6ZTC

ps- if you require this mod I will post a message detailing it out or I will email you a message detailing it out.

171. Re: Probs with Yaesu 2M in Belgium.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: geert.bellens@student.kuleuven.ac.be
Message-ID: <4cgqlq$cfp@chaos.kulnet.kuleuven.ac.be>
Source record: 207726

In article <4cbos9$g5u$2@mhafm.production.compuserve.com>, Laurens
<100342.1365@CompuServe.COM> says:
>
>Hi all, I'm new to amateur radio (have yet to get my license) but
>my dad has an old Yaesu FT-290 2m (all mode) xceiver (he *does*
>have his license). It has gathered dust for many years but taking
>it out of the mothballs has been fun. Unfortunately it seems to
>be very unresponsive. I can only get 1-2 stations in Belgium
>(close to Brussels) and they are broadcasting thru repeaters. Is
>the Belgian seen so empty or is the Yaesu broken. TIA

I'm not sure about Brussels, but in Antwerp there's a lot to hear
on 145.765 the repeater of antwerp.
The repeater of Brussels is 145.675 and I can receive it in Antwerp.
I dont know where u are but that's the info I can give u.
73

172. ZVEI decoder

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: Geert.Bellens@student.kuleuven.ac.be
Message-ID: <4cgqrg$cfp@chaos.kulnet.kuleuven.ac.be>
Source record: 207727

Hello, I'm looking for a ZVEI decoder.
It decodes the "5-tones" produced by taxi and ambulance radio's.
A hardware or software solution is welcome.
thanks and 73 from Geert.

Please mail it via E-mail cause I dont frequently use the newsgroups.

173. Motorola Handie-Talkie freqs?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: mfogarty@netcom.com
Message-ID: <mfogartyDKo36K.KGH@netcom.com>
Source record: 207728
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment

A friend has a pair of Motorola HT600's. They're two channel, commercial grade HTs. Trouble is, they don't seem to say on which frequencies they xmt and rcv. I'd like to be able to tune in with my Standard HT. Does anyone have this information?

Thanks,
mfogarty

174. Re: TS-820 Intermittant Digital DIsplay

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: tom_boza@ccm.ch.intel.com
Message-ID: <4chd8h$q57@chnews.ch.intel.com>
Source record: 207729

1) Change out the three volt batteries on both the display and PLL boards.

2) The IC socket for the ROM chip on the PLL board gets faulty. Change it, or reomve it and solder the ROM IC directly to the PLL board.

WB7ASR...

175. Re: Manuals for FT-5100

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: jastorm@ix.netcom.com
Message-ID: <4cfbkg$b94@cloner3.netcom.com>
Source record: 207730

j.crutch@ix.netcom.com(John Crutcher) wrote:

>I Have a Yeasu FT-5100 New out of the box. It comes with one Operation
>manual witch shows the basic commands and how to turn on the radio. My
>questions is shouldnt there be a second manual that goes with this
>radio for functions like cross band repeat that the original Operation
>Manual did not include. I know the radio can do much more than the
>manual indicates.

>If anybody knows if there is more information and where to get hold of
>it. Any help would be Great...

>Thanks...
>KC4DUU (John Crutcher)

Hi John,

I have an FT-5100 and also an FT-5200. Both came with only a single
manual.

73, Jim WB6LWS in Pacifica, CA

176. Re: SIMPLE SIMPLEX REPEATER....HELP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: Jim Devenport <jdevenport@lanl.gov>
Message-ID: <4cfgrl$bt6@newshost.lanl.gov>
Source record: 207731
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

I couldn't believe I had this issue of 73 right in a small pile
at my fingertips. Your description of the problem plus a
perusal of the schematic makes me suspect some "squirrelies".
I note the COS input line is bypassed with C3, a .22 uf
capacitor. Is this in place and is it close to U4? If it is,
I recommend the following:
-Try installing .1 or .2 uf capacitors physically close to pins
4&5 of U3, pins 9 and 10 of U3, and pin 27 of U1.
-I don't see it in the circuit but all your IC's, especially
the logics (U3 and U4) should have the VCC pins bypassed with a
1 to 1 uf or so electrolytic mounted as close to the IC's as
possible and with as short a connection to circuit ground or
the IC ground as possible. I'd suggest this as your first
priority.
-You may also be experiencing RFI from your attached
transceiver. It probably should be mounted in a good rf-proof
box with incoming and outgoing wiring bypassed and/or choked
with ferrite shells and other RFI reducing techniques.
Good luck with the project. Hope some of this helps!
--
|---|
|Jim Devenport WB5AOX |
|All Standard Disclaimers Disclaimed |
My views rarely (if ever) reflect those of my employers

177. Want to build 2meter power amplifier

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: by668@FreeNet.Carleton.CA
Message-ID: <DKn1qn.Asq@freenet.carleton.ca>
Source record: 207732

Hello and thanks for reading this, I'm looking to build a power amplifier
for my 2 meter rig, anything from 100 to 250 watts of outputs
and inputs of 5 25 of 50 , that is what comes out of my radio, anyone who
would be interested in mailing me some papers and stuff to help me I would
be very thankful, (if the photocopy of the negative for the printed circuit
is availlable it is welcome too)

Waiting you e-mail soon, please stick to e-mail, the posts I dont read often...

Thanks
Marc Buron
VE2HPS

178. Re: TS-940s

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: turner@safety.ics.uci.edu
Message-ID: <4chmp1$1q2@safety.ics.uci.edu>
Source record: 207733

In <4cffpm$lh5@nnrp1.news.primenet.com> asken@primenet.com (Ken Fredstrom) writes:

>I have the ts-940s and when I adjust the alc I get to position 1.5 on
>the knob before anything happens, then between 1.5 and 2 on the knob,
>it pegs the needle. It should not be that sensative. It is not the
>mike. Does anyone have any suggestions?? Thanks.

The two 940's I have experience with do the exact same thing. I
think it was by design. I could never get the ALC to settle
down unless I used the RF processor, then I could level it out.
AND, the ALC reading "drifts" with time, too, by a bit. I never
had any bad audio or wide signal reports, so I suspect the
readings do not mean much. I used to use the RF processor on
very little compression, and kept the ALC in range that way.

Clark
WA3JPG

179. Re: Probs with Yaesu 2M in Belgium.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: Paul Justens <pauljust.on6ob@glo.be>
Message-ID: <4chl3f$j79@moon.glo.be>
Source record: 207734

Er zijn niet zoveel stations aktiek op 2m
Repeater Bru 145,675 lokale frq Leuven 145.4
Veel sukses !

180. MIKE FOR HEATHKIT HW101

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: smith_j@WVLINK.MPL.COM
Message-ID: <smith_j-0401962048050001@slip1.mpl.com>
Source record: 207735

I have a Heathkit HW101 and need a microphone or details on how to wire one to work with this radio. I want a desk mike with vox. This radio is super. It is my first HF rig and I love it! Anyone can help?
Jim KB8YVN from northcentral West Virginia.

181. Re: MFJ DSP FILTER

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: Rick Tressler <RT0@GANET.NET>
Message-ID: <4ch62a$d2f@s2.GANet.NET>
Source record: 207736

I think there was a review of the MFJ high end unit in QST , CQ, or 73 this past month.

182. Re: Yaesu FT-51R -800MHz

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: Gary.Demasi@333.woodybbs.com
Message-ID: <e79_9601041958@woodybbs.com>
Source record: 207737

-=> Quoting Shatter to All <=-

Sh> From: ctbaker@taco.engr.ucdavis.edu (shatter)
Sh> Subject: Re: Yaesu FT-51R -800MHz recieve???

Sh> You can do the extended receive and transmit mod that will let you
Sh> "tune" the radio from like 70 Mhz to 999 Mhz but it wont actually
Sh> receive anything in the cellular range...

Sh> Chad
Do you Know what the mod is for this because the mod I got from yeasu
does not do this and the radio does work perfect with the mod I use
rx 110-180 vhf rx 420-470 uhf and tx's most of that execpt the am band
and the hi 170-180mhz
But I like to know ??? What you know about it will you share! thanks
Gary...,.

... I haven't lost my mind; it's backed up on tape somewhere!
___ Blue Wave/QWK v2.12
--
|Fidonet: Gary Demasi 1:2619/333
|Internet: Gary.Demasi@333.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.

183. Re: Knwd TH-79(D) vs. Yae

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: Gary.Demasi@333.woodybbs.com
Message-ID: <e77_9601041958@woodybbs.com>
Source record: 207738

-=> Quoting Ken to All <=-

Ke> From: kmp3@unix.asb.com (Ken)
Ke> Subject: Knwd TH-79(D) vs. Yaesu FT-51R
Ke> Organization: ASB

Ke> I am interested in peoples experiences with the two radios???

Ken I bought both radios ay my last dayton trip 95 to let you know the
kenwood is not all its kracked up I sold it after two months I found the
yeasu out performed it and with the software program that alows you to
progam the 51 from your pc is the best. cross band repeat functions and dtmf
squelch is all good functions of the 51r and it seemed that the intrmod on the
51r was less in all most all situations. The 51R for me has been flawless
and I am not easy on the radio I use it for ham and buisness on my licenced
frequency it is easy to mod and work well out of band and I mean good even
inthe GRMS area which is in the 462MHZ I also have a current site licence for
It kills the best of them {motarola} the keen wood was not a keeper.
By the way It is A tough radio with the factory batt (hipower) use it everyday
since the april and charge at night gives me about 3 hours of talk time, and 10
hours of ON time with good use thought the day. the keen wood did not stand up
to this raido. good luck Its My Oppinion and we Know how they come and GO!

... "Don't mince words, Ken ... what do you *REALLY* think?"
___ Blue Wave/QWK v2.12
--
|Fidonet: Gary Demasi 1:2619/333
|Internet: Gary.Demasi@333.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.

184. Re: Yaesu FT-51R -800MHz

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: Gary.Demasi@333.woodybbs.com
Message-ID: <e78_9601041958@woodybbs.com>
Source record: 207739

-=> Quoting Ken to All <=-

Ke> From: kmp3@unix.asb.com (Ken)
Ke> Subject: Yaesu FT-51R -800MHz recieve???
Ke> Organization: ASB

Ke> Does anyone know if the ft51r can be modified to recieve 800 MHz???

No Ken it can not But it does rx from 110-180 and 420-470 and tx's 135-170
and 420-470
you can try the standerd mini duel band It recives all over but does not tx
on any more than 300mw

Gary,...
... I call things as I see them; If I didn't see them, I make them up!
___ Blue Wave/QWK v2.12
--
|Fidonet: Gary Demasi 1:2619/333
|Internet: Gary.Demasi@333.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.

185. "%%% WANTED COLLINS SC-101 %%%"

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: CBAX63A@prodigy.com
Message-ID: <4ch6je$lli@usenetp1.news.prodigy.com>
Source record: 207740

Will pay cash and shipping for "dead or alive" unit ANY CONDITION!!
Call me @ 800-399-4383 x765 24hrs.
-
ROLAND S GETER SR
WB6LNA
CBAX63A@prodigy.com

186. Re: ICOM 706 and automatic tuners

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: Bill Harwood <harwood@sirius.chinalake.navy.mil>
Message-ID: <DKoJzH.B2t@avalon.chinalake.navy.mil>
Source record: 207741

My old SGC-230 and new IC-706 seem to be getting along fine. I recommend using the RTTY setting to drive the SGC-230 to tune. There does not seem to be a handy way to get the 706 to do CW with the PTT switch. If you use the up-down buttons as a CW paddle you can't use them for any other function. The 706 will go to low power faster than the 230 will tune so 25 watt AM won't provide enough power to let the 230 sense SWR. Dumb but the up down paddle is a cute idea.

```
\-----------------------------------------------------/
\ Bill Harwood U play it, I'll dance it /
\ AB6DY or /
\ I'll play it, U dance it /
\-----------------------------------------------/
```

187. Re: How High?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan4.181115.21736@ke4zv.atl.ga.us>
Source record: 207742

In article <4ccsi9$7sg@treasure.coastalnet.com> cn1135@coastalnet.com (Prescott) writes:
>I am a licensed amateur operator. How high may I legally put up an
>unlighted tower without offending the FCC or the FAA? I live in eastern
>NC about 20 feet above sea level. I am outside of the military
>air-restricted zone. Also, does anyone have the number or address for
>Roadrunner Communications?

Provided you are at least 4 miles from the nearest airport, you can
erect a tower up to 200 feet AGL without incurring a FCC major action
or requiring a filing with the FAA. That is unless you are in sight of
a National Park, Mounument, National Seashore, or declared Historical
District. In those cases, much more restrictive rules apply. Lighting
and marking may be required in some cases for antennas of less than
150 feet height, see CFR 47 Part 17.21. In almost all cases, lighting
and marking are required for antenna structures over 150 feet AGL unless
totally obstructed by natural terrain.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

188. For Sale Yaesu FT-2400 50w 2M

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: alk1ltj@nai.net
Message-ID: <4cf6ef$k71@a3bsrv.nai.net>
Source record: 207840

For Sale:

A Yaesu FT-2400 50 watt two meter tranceiver. Options: DTMF paging module installed. The rig is in like new condition. If your interested email me:

alk1ltj@nai.net

189. SIMPLE SIMPLEX REPEATER....HELP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: tcmedlin@cris.com
Message-ID: <4cf79j$559@spectator.cris.com>
Source record: 207841
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

I recently built the simple simplex repeater as described in 73 Amateur Radio Today, nov 1995 issue but i have one problem that i need help resolving. if the receiver receives a signal for about one half second or less, the simplex repeater keys up for the entire 20 second period then drops out. any received signal more than about a half second operates it correctly. example: if the receiver receives a signal for 5 seconds, after the rec signal drops, it then retransmits this signal for 5 seconds and then resets or drops out. it is only the very quick keying pulses that lock this thing up.

the repeater is based on the ISD1000A voice record/playback IC which can be found at radio shack and about 30 simple parts. this chip is designed to record a maximun of 20 seconds.

there are 2 rc delay circuits which i have tried to adjust but this does not seem to help. I dont think the problem is power related as i have a good supply, and plenty of filtering and bypassing on it.
If anyone can help, please email me at tcmedlin@cris.com

thanks,
Tom WA5KUB
email: tcmedlin@cris.com

190. Yaesu 8500 features please

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: ken@marconi.w8upd.uakron.edu
Message-ID: <4cfgnv$m6k@kira.cc.uakron.edu>
Source record: 207842

I have read all the yaesu ads in the magazines and catalogs about the
8500 and it looks really nice, but the documentation lacks a few things:

1) does the "joystick type" microphone include a touch tone pad or is that
only available on the other mic?

2) Is there a mod available for800-900 mhz receive??

Any other info or comments on this rig would be appreciated.

Regards,

Ken Teleis, KZ3E/8

191. Mods for yeasu FT720RU needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: dferg@earth.planet.net
Message-ID: <4cf6hj$7or@jupiter.planet.net>
Source record: 207843

We are looking for a modification for the GMR for the Yeasu FT720RU. Any information would be helpful.

Please respond by e-mail to : dferg@planet.net

Thank You.

192. F.S. HAMMARLUND HQ-145x gen cov rcvr

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: "David B. Perrin" <d_perrin@conknet.com>
Message-ID: <137cc$14f26.15b@news.conknet.com>
Source record: 207844

Hi;
I have for sale or swap a Hammarlund HQ-145x general coverage receiver, with Telecron clock and manual, circa 1961. This radio is in very nice condition and includes a copy of the manual. $145 or would consider a swap towards a mid 50's receiver, or a two meter 100W amp.
73,
Dave

193. Help! Yaesu FT-8500 Autodial

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: pwmarina@shore.net
Message-ID: <4cfbtu$8m@shore.shore.net>
Source record: 207845

If anyone could tell me how to display the alpha-numeric autodial memories, I would appreciate it. I know how to program the radio, but I haven't been able to get the text to come up.

Thanks in advance.

194. Re: Opinions please -- Ten-Tec Paragon II

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: sherwood@oribi.cig.mot.com
Message-ID: <4cf6je$mbp@newdelph.cig.mot.com>
Source record: 207846

>I've had a Paragon since March 1988, and its never broken. I have
>made a few modifications to it, to make it do some functions a bit
^^^^^^^^^^^^

Does anyone know how to make the original paragon transmit AM?
It can rec AM, but TX is disabled because they did not want it used on
11M (so I`m told). Is there some simiple mod that will let a ham tx on AM.

chuck sherwood
sherwood@cig.mot.com

--
Chuck Sherwood
sherwood@cig.mot.com

195. FM BC reception on 706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: rcarpen@DGS.dgsys.COM
Message-ID: <Pine.SOL.3.91.960104060940.6359C-100000@DGS>
Source record: 207847

WB5AGF states that ICOM doesn't spec the 706 on the FM BC band. WRONG!
Look on page 55 of the manual. Under WFM you will see "Less than 10.0 uV"
"(for 12 dB SINAD)" and "*Some frequency ranges outside of the ham bands
are not guaranteed."
So, ICOM does spec the FM BC sensitivity, but does't guarantee it. In
fact the bad intermod on FM BC makes this spec meaningless.

My interest in have acceptable FM BC reception on the 706 is so that it
could be the ONLY radio in my vehicle or boat (except for marine VHF on
the boat).

A single tuned trap at the VHF antenna connector, set experimentally to
some strong FM station, brings the intermod to the point that my 706 is
useable for FM BC. I assume I would need to retune the trap as I mobiled
around town. If it had two FM BC IF filters of the 180-200 kHz width
required by good engineering practice (not just one of 280 kHz plus with
broad skirts), it wouldn't suffer so much QRM from adjacent channel
stations.

As for substituting the feature of synchronous AM detection for FM BC
reception, I presume that the "features czar" at ICOM felt that FM BC
would serve them better in a bells and whistles battle.

73 de Bob w3otc

196. ATV Research Micro-verter, what is it?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: "Michael G. Reiney" <mreiney@hevanet.com>
Message-ID: <4cfo3v$c1i@vista.hevanet.com>
Source record: 207848

It has video in and RF out. Looks like some sort of video transmitter. There's no tuning control.
What is the freq & specs of this device?
thanks, miker

197. Repairs - HF gear

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: Gregg Fine <76460.551@CompuServe.COM>
Message-ID: <4cfo0e$8r0$1@mhafc.production.compuserve.com>
Source record: 207849
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

Looking for a resonable and dependable techincian to repair
Yeasu, Tempo, Swan, and Heath HF gear. Depended on local guy for
years. Have needs at present.

Gregg Fine
KF4AUY

198. MFJ 6 m. SSB/CW rig

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: Curt Sanders <csanders@redrose.net>
Message-ID: <4cfl1k$epc@lily.redrose.net>
Source record: 207850

Any opinions on this new rig? I'm thinking about purchasing it, but has
anyone actually used it yet?
73s

```
*********************************************************
* "There is nothing constant but change." ï¿½ Heraclitus *
* --- *
* N3TLJ@WA3KXG.FN10RE.PA.USA.NA (Amateur Radio) *
* Reunion Users Group (genealogy) * Hershey Apple Core *
*********************************************************
```

199. IC-706 Price -- are US Hams paying too much ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: G.POLDER@cpro.dlo.NL
Message-ID: <9601040806.AA11438@ganges.cpro.dlo.nl>
Source record: 207851

NLG 3000,- in the Netherlands, which is about $1800.
(VAT is 17.5% here)

Gerrit.

200. HTX-202,HTX404 external mic mod

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: SJJK62A@prodigy.com
Message-ID: <4cg29h$cr6@useneta1.news.prodigy.com>
Source record: 207852

There is a mod that will overcome the weak ext mic audio problem of the
HTX 202 and 404 rigs. Check out:
http://pages.prodigy.com/CA/LA/htx202htx404/htx202htx404.html

201. KAM & GPS (Choosing one GPS Unit)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: mcury@embratel.net.br
Message-ID: <4cg3nh$kpv@rjo02.embratel.net.br>
Source record: 207853

I wish connect my KAM 8.0E to a GPS unit.
What GPS have I choose ?
Is there anybody already working with KAM 8.0E and GPS ?
Please send comments to my E-Mail: mcury@embratel.net.br
Thanks everybody.
73's DE Marcelo Cury PY1TTO, Rio de Janeiro - Brasil

202. Re: What's a "Boatanchor"?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-04 00:00:00 UTC
From: USCG TELECOMMS <gttm@cais.cais.com>
Message-ID: <Pine.BSI.3.91.960104141748.2867A-100000@cais3.cais.com>
Source record: 207854

Any radio that's more than 5 years old is considered a good boat anchor.
Be aware though, that there are some exceptions, such as a ts-180s,
ic-735, etc; they are not heavy enough.

203. Re: Recommend fast charger for AA Nicad Cells

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: dab2@Ra.MsState.Edu
Message-ID: <4chueo$if8@NNTP.MsState.Edu>
Source record: 207743

David Feldman (dgf@netcom.com) wrote:
: I'd like to find a fast charger that would be good for AA size NiCad
: cells, including those high capacity ones you can get at rat shack.
: I would like one that could do 8 cells at a time. Any suggestions?

Hello David, I am currently using the "MILLENNIUM Power System" for a Uniden scanner which takes AA batteries. I purchased the AA's 4 years ago and have used them (discharge/charge cycle) once a week ever since then. I have two complete sets of batteries and also two 4-place chargers. I was impressed with the amount of power/run time, so I purchased millennium batteries for many other items around the house.

The Millennium AA's that I have are rated 750 mAh and some Panasonics that I saw recently were only rated 500 mAh. I am not sure about the high power Radio Shack version.

You should also know that even though the Millenniums are of higher capacity than most, they still all die about the same... Suddenly :)

Please let me know if I can be of further assistance, I would be glad to help you any way I can.

73 de KC5AAW

David A. Boackle dab2@ra.MsState.edu Mississippi State University

204. Re: Yaesu 8500 features please

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: ken@marconi.w8upd.uakron.edu
Message-ID: <4ci0rp$hs6@kira.cc.uakron.edu>
Source record: 207744

Mike Mentuck (username@shore.net) wrote:
: In article <4cfgnv$m6k@kira.cc.uakron.edu>, ken@marconi.w8upd.uakron.eduD
: says...
: I just picked up an 8500 today, and from what I've seen so far, they
: didn't leave anything out. Without the Windows software, though, I
: think one needs at least two years at MIT to actually apply all the
: features.

Does the windows software come with the rig or is that an additional option?

Also, does the rig come configured for remote mounting the head or is that
yet another additional option?

Regards,

Ken Teleis, KZ3E/8

205. Has anyone tried the extended TX mod for ICW2A?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: davlop@ix.netcom.com
Message-ID: <4cibhd$l0o@ixnews8.ix.netcom.com>
Source record: 207745

Hi:
I'm wondering if anyone out there has tried the extended TX mod for
the ICOM ICW2A. This mod involves removing one diode and installing two
additional ones. I would appreciate any info if anyone has tried it;
What's the new TX range? Thanks: DL

206. Re: R7 Comments

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: radiomatt@aol.com
Message-ID: <4cidma$csj@newsbf02.news.aol.com>
Source record: 207746

Are you talking about an R-7 Drake SW receiver

OR

a Cushcraft R-7 antenna?

207. Re: Kenwood TH22a extended coverage????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: subbustr@whidbey.net
Message-ID: <4cja86$hv6@whidbey.whidbey.com>
Source record: 207747

Expanded RF iz :136-174mhz which iz standard mod!!

208. Looking for info to resur

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: roger.boehnlein@hal.apk.net
Message-ID: <EQUIPMNT.DBCE@hal.apk.net>
Source record: 207748

Well I have a couple of old H-89's sitting in the attic. I will look for the books on them and let you know. If you want them, you can have them also.

Roger

... Exercise your right to arm and keep bears!

___ Blue Wave/QWK v2.20 [NR]

209. Comm. Radio BBS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: Jim Lee <jlee@planetc.com>
Message-ID: <30ECDB8D.5273@planetc.com>
Source record: 207749

Call the Tech-Net BBS for the buy and sale of radio equipment!!!!

BBS 423-235-3772

210. Re: Yaesu 8500 features please

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: gottria@aol.com
Message-ID: <4cimlk$gc5@newsbf02.news.aol.com>
Source record: 207750

I took my 8500 back, I didn't like it. To many movements to program a frequency into memory or set the ctcss. Let me know how you like it.

211. Re: What's a "Boatanchor"?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: mwhite@mitre.org
Message-ID: <mwhite-0501960902410001@m14494-mac.mitre.org>
Source record: 207751

```
>> : Just out of curiosity, what's considered a boat-anchor?
>
> I would suggest: any device larger, heavier or more demanding of power
> than is necessary to accomplish its function, given the current state
> of the art, by at least one order of magnitude.

Too complicated. A 'boatanchor' is any piece of electronic equipment, most
notably transmitters and receivers, heavy enough to be a servicable
anchor, and old and worthless enough that you wouldn't mind using it as an
anchor.

--
mwhite@mitre.org

My opinions are my own, not my employer's.
```

212. PANADAPTER FOR G-133 RARE!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: radiomatt@aol.com
Message-ID: <4cjh06$or0@newsbf02.news.aol.com>
Source record: 207752

I have a G-186 panadapter made by LTV to match/mate with G-133. 1.5x3.0 in
osc display of channels around the one you're tuned to. Matches 133 in
color, size (H) and knobs. Sold my 133. Will take first $400.
Takes signal from IF-Out jack on 133. Operates on 110v

213. y

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: sftmf@scfn.thpl.lib.fl.us
Message-ID: <4ci5cq$nod@mother.usf.edu>
Source record: 207753

[No readable article body recovered]

214. Wanted - Circuits or manual for HP sig gen type 608E

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: andrew@redash.qut.edu.au
Message-ID: <4cj5nc$l58@stork.qut.edu.au>
Source record: 207754

Hi
I need a circuit diagram or preferably a full service
manual for a Hewlett Packard VHF signal generator
type 608E - 10 - 480 Mhz - serial no 833-03128. I appear to have
a problem with the ALC section. Main osc is running and
there is 2v pk on un-cal output but neglible output from
attenuator. Probing shows very low level sig into driver stage.
If you have a copy of the circuit diags or a full service manual
I am willing to pay whatever costs are required to get a
copy to Australia !

Thanks in advance... Steve

andrew@redash.qut.edu.au

215. Yaesu FT-840 Mod

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: armck@magicnet.net
Message-ID: <4ci8dq$n9g@comet.magicnet.net>
Source record: 207755

I was told that the Yaesu 840 could be modified by pushing some
of the switches while turning it on and it would transmit anywhere etc.
Is this true and if so what is the combination, and just what does it do?

Thanks..........Mac

216. Re: Icom 706 & CAP/MARS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: stever@raven.cybercom.com
Message-ID: <4cicp0$tar@crow.cybercomm.net>
Source record: 207756

kgk@nwu.edu (Kenneth Kalan) wrote:

>I don't think I've seen this question posted yet. Can the new Icom 706 be
>modified for CAP/MARS use, not only on 2 meters but also on HF?

>I don't have any real info on this radio other than what I've read here or
>seen in the AES catalog and this group has provided some interesting
>information.

>Thanks

>Ken

It can be modified for HF Mars, but Icom has stated that VHF Mars is
impossible..

Steve, WA2NHZ

217. Wanted- Pro audio and broadcast equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: mhline@aol.com
Message-ID: <4citi8$i3c@newsbf02.news.aol.com>
Source record: 207757

I am interested in buying all kinds of pro-audio equipment
(mics,compressors, preamps, amplifiers etc) for my recording studio.

Brands include Universal Audio, UREI, RCA, Fairchild, Neumann,
Telefunken, Langevin, and API

I am a serious buyer, and will pay the best price for equipment that I can
use. Please contact me via e mail or phone me at 818-244-1909.
Thank you..... Mark

218. Re: Using HP8690 with HP8410 Network Analyzer ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <820869685snz@microvst.demon.co.uk>
Source record: 207758
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

Does anyone have a suggestion on where to obtain the Service Manual for
an H-P 8620C. I find that after lying unused for 6 months mine is now
stone dead except for the illuminated power switch. Even the fan is off.
Are there any other fuses apart from the line fuse near the IEC connector
or will I need the schematic of the PSU?

Also, has anyone married an 8620C (eg with 86290B) to a Tek 7L18?

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

219. Re: Using HP8690 with HP8410 Network Analyzer ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: stevem@w6yx.stanford.edu
Message-ID: <4ck20n$2qm@nntp.Stanford.EDU>
Source record: 207759
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

In article <820869685snz@microvst.demon.co.uk> tgold@microvst.demon.co.uk writes:
>
>Does anyone have a suggestion on where to obtain the Service Manual for
>an H-P 8620C. I find that after lying unused for 6 months mine is now
>stone dead except for the illuminated power switch. Even the fan is off.
>Are there any other fuses apart from the line fuse near the IEC connector
>or will I need the schematic of the PSU?
>
>Also, has anyone married an 8620C (eg with 86290B) to a Tek 7L18?
>
>Regards,
>--
> Tony - G3SKR / AA2PM email: tgold@panix.com
> tgold@microvst.demon.co.uk
> packet: g3skr@n0ary.#nocal.ca.usa.na

There is an automatic shutdown circuit in the 8620A/C that puts the
unit in the state you describe if the fan does not start or fails
for some reason. I had an old fan with bad bearings that would not
start and, as a result, caused the instrument to shut down after
a second or two. This might be your problem.

There seem to be more mainframes around than working plug-ins for them.
I have found it convenient to buy a junker for parts to keep my good one
going.

Sorry, I have no manual for mine either.

Steve Muther WF6R

220. Re: Has anyone tried the extended TX mod for ICW2A?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: ROSLEWSKIRB96%CS26@cadetmail.usafa.af.mil
Message-ID: <ROSLEWSKIRB96%CS26.18@cadetmail.usafa.af.mil>
Source record: 207760

In article <4cibhd$l0o@ixnews8.ix.netcom.com> davlop@ix.netcom.com () writes:

>Hi:
> I'm wondering if anyone out there has tried the extended TX mod for
>the ICOM ICW2A. This mod involves removing one diode and installing two
>additional ones. I would appreciate any info if anyone has tried it;
>What's the new TX range? Thanks: DL

Yep, I did that this past summer, and I just got around to testing the TX range a few weeks ago. The TX range is about 121.71 to 190.16 MHz and 380 to 472 MHz (VHF/UHF, respectively). These tests WERE carried out in a proper testing environment, with miniscule amounts of power actually being radiated. The frequency and power output were verified with a spectrum analyzer. Although I did not record the actual relative power at all the frequencies tested, I CAN tell you that the power tailed off toward the extremes. Beyond the extremes, the transmitter lost lock (the transmit LED will blink on and off), so I stopped at these frequencies.

Overall, the modification took less than an hour, and most of that time was spent trying to figure out how to hold the diodes in place (they are SMALL, be careful). Use a pencil tipped soldering iron, as small as you can find. This will make it much easier.

Be careful, and good luck!

Russ KI7FL
---
roslewskirb96%cs26@cadetmail.usafa.af.mil __|__
PP-ASEL (AOPA #01215297) KI7FL (DM79na) CAP _______(*)_______
"Pick me up so high...where eagles fly!" - Sammy Hagar o/ \o
"This content in no way reflects the opinions, standards, or policy of the United States Air Force Academy or the United States government."

221. WTD: Kenwood TK-801S programming (commercial radio)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: Rob Bellville <bellvill@ultranet.com>
Message-ID: <4ck3ei$106@caesar.ultra.net>
Source record: 207761
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.swap

Hi!

I've got a Kenwood TK-801S UHF 6 channel mobile radio that needs to be reprogrammed. I have no programming info. Can anyone burn the PROMs (M54730AP x2) and send them to me via the mail?

If you can help me out, please email me the costs and I'll send the freq info.

THANKS!

-- Rob (email: bellvill@ultranet.com)
.....
Rob Bellville, N1NTE PO Box 515
bellvill@ultranet.com Millbury, MA 01527
.....
http://www.ultranet.com/~bellvill/
.....

222. Re: IC-706 Price -- are US Hams paying too much ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: jkaplan@seikotsi.com
Message-ID: <4cjvnd$4cl@news1.seikotsi.com>
Source record: 207762

I was in Amsterdam last August (before the US release of the '706) and the cash price after dickering was $1900 US. I bought mine in the Northwest for $1200.

.

223. IC 706 PRICE IN FINLAND

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: jari.hynninen@lmf.ericsson.se
Message-ID: <4cigar$gc6@lmfpub.lmf.ericsson.se>
Source record: 207763

Hi everybody !

I have been following the price discussion concerning the IC706 and
I have noticed that I can give one of the TOP prices from here
in FINLAND: 8600 FIM which is a little bit over 2000 USD (21% TAX included)
HI !

73 de Jari OH2KTO

224. Re: Yaesu 8500 features please

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: username@shore.net
Message-ID: <4cj7be$f87@shore.shore.net>
Source record: 207764

In article <4ci0rp$hs6@kira.cc.uakron.edu>, ken@marconi.w8upd.uakron.eduU
says...
>
>Mike Mentuck (username@shore.net) wrote:
>: In article <4cfgnv$m6k@kira.cc.uakron.edu>, ken@marconi.w8upd.uakron.eduD
>: says...
>: I just picked up an 8500 today, and from what I've seen so far,
they
>: didn't leave anything out. Without the Windows software, though, I
>: think one needs at least two years at MIT to actually apply all the
>: features.
>
>Does the windows software come with the rig or is that an additional option?

The software and interface cable are extra, but reasonable at $40.00.

>Also, does the rig come configured for remote mounting the head or is that
>yet another additional option?

The remote cable kit is also an extra, at a not-so-reasonable $100.00.
It has extensions for the remote head, as well as the mic. The promo
literature by Yaesu on this radio covers all the options.

>Regards,
>
>Ken Teleis, KZ3E/8
>

225. Re: Recommendations..

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: VJKunesJr@spacetech.com
Message-ID: <4cjos5$232@news.paonline.com>
Source record: 207765

> jes8n@poe.acc.Virginia.EDU (James-Edward Sved) writes:
> I am looking to get into amatur radio. Can anyone recommend a
> decent, affordable unit for a newbie?
>
> Thanks.
> --
> **
> James-Edward Sved * Architect/Project Manager * University of Virginia
> * Tel 804.982.0179 * Fax 804.982.0528 * Internet Mail: sved@virginia.edu *
> **
>
>>>>
It depends on what you are looking for. Are you looking for an HF rig, or a UHF/VHF rig? Mobile or base station? What class of
license do you have? This will better inform people on what might be of use to you. 73 de N2YZS

226. Re: MIKE FOR HEATHKIT HW101

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4cjc68$r4c@mksrv1.dseg.ti.com>
Source record: 207766

The HW-101 manual describes the mic connections (actually, all of the older Heath rigs used the same connections). All of the HW- and SB-series tube-type rigs use a high-impedance mic, and I've found that the Astatic D-104 (the infamous "lollipop") is a good choice, as is the Shure 444. The original Heath mic is actually an Electro-Voice, and E-V sold the same mic on the open market with their emblem on it.

Now... if someone has changed the mic connector on the HW-101, you'll have to trace out the wiring to determine the connects. You can find this info in the schematic. The mic connector that Heath used is an Amphenol unit, common back in the 60's but not any more. I've seen dozens of Heath rigs that have a more common four-pin mic connector. This is okay, as long as the changed wiring is documented in the manual (and on some kind of label inside or on the bottom of the rig).

If you don't have the manual (shame on you!), I have one that you can borrow and copy.

As for finding an original Heath mic, good luck pal. I have an SB-102 that I'm restoring and I've been advertising for a mic off and on for a couple months with no responses.

Let me know if I can help. 73, Dean KC5NG

227. Req info: Uniden 900Mhz HT (FPS 910TS)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: CConklin@softkore.com
Message-ID: <30ed70d6.4108572@news.sbt.net>
Source record: 207767

As the subject sez, I am looking for any info on programming the Uniden 900Mhz HT (FPS 910TS). I believe this is a trunking type radio but I wish to use it for conventional (amateur of course...) service.

Anyone with experience, documentation, programming equipment or connections to anyone with programming equip- I would appreciate any help.

Need to program for ham band, and need to know about CTCSS capacity of these radios.

Thanks in advance es 73

228. BK Oscilloscope Model 1477

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: Ed Aquillo <eaquillo@jcpenney.com>
Message-ID: <4ck686$kuf@powatana.jcpenney.com>
Source record: 207768

Can somebody tell me where I can get an operating or service manual for
the BK 1477 oscilloscope?

Thanks.

229. Re: MIKE FOR HEATHKIT HW101

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: jes8n@poe.acc.Virginia.EDU
Message-ID: <DKpwz7.JDB@murdoch.acc.Virginia.EDU>
Source record: 207769

Is Heathkit still around? WOW.

Would you lease e-mail me their telephone number. I have not
seen their catalog for 15 years!

Thanks.
--
****
James-Edward Sved * Architect/Project Manager * University of Virginia
* Tel 804.982.0179 * Fax 804.982.0528 * Internet Mail: sved@virginia.edu *
****

230. Alinco DR-610T

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: gottria@aol.com
Message-ID: <4cimlm$gc7@newsbf02.news.aol.com>
Source record: 207770

Well I got a new DR-610T and was wondering if other 610 have a weak
reciever on the uhf side above 440. I programed in 460.500 on both sides
of the display and the left side was full strength and the right side was
nothing.
Even on 410.100 the right side would pick it up and the left side nothing.
Bad radio? If you have the same radio try putting in a frequency above
460Mhz
on both sides of the radio (U/U) and let me know if the right side is
weak.

Thanks GOttria

231. AEA DSP-1232 for SALE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: wpalmer@buffalo.sonic.net
Message-ID: <4cimrr$gbm@ultra.sonic.net>
Source record: 207771

I have an AEA DSP-1232 that I would like to sell. Unit is in excellent condition and complete in box. Asking $300.00. If interested you can e-mail me at wpalmer@sonic.net or call me at 707-935-9519.

Thanks from Bill KE6PT wpalmer@sonic.net

232. IC706 and TNC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: ag368@FreeNet.Carleton.CA
Message-ID: <DKppEF.HAw@freenet.carleton.ca>
Source record: 207772

I am considering the purchase of an Icom 706 and a TNC and was wondering if anyone has made the hook up. I know there isn't a dedicated port. I would be using it mainly on 2 meters.

73

Mark

--
Mark Boyer VE3MJB ag368@freenet.carleton.ca

HELP, HELP we're twapped in a Dash 8 going wound and wound. A day in the life at uAmps R us.

233. Info about autophon/Stabo 933/934MHz set wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: filius@arnor.et.tudelft.nl
Message-ID: <4cir2n$bkm@mo6.rc.tudelft.nl>
Source record: 207773

Who can sent me some info about the Autophon/Stabo 933/934 MHz equipment.
There seem to be a mod to reach 400 channels, so i'am intrested.

Any info is welcome

Arjan

234. Info about HR2510 wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: filius@arnor.et.tudelft.nl
Message-ID: <4cirbt$bkm@mo6.rc.tudelft.nl>
Source record: 207774

I have an Emperor TS-5010 wich seems to be almost the same as the HR2510 10meter equipment. Can somone me send an electical schema, or some other usefull info?

Thanks,

Arjan
(sorry, this is vi, and don't know, to remove the rest :( )

i

Doe,
DoE

235. Re: Info: QRPing the Alinco DX-70T

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4cjr1m$31a@mksrv1.dseg.ti.com>
Source record: 207775

I've played with the power adjustment pots, and I agree that the DX-70T can be easily set up asa QRP rig. Like the man says, if you have enough power available, such as at home or in a car, it makes a wonderful QRP rig. I reset mine back to full power when I was done with it, since it's a dedicated SSB mobile station, but if it was my spare home station rig... hmmm....

73 / 72 de KC5NG/QRP (QRP-ARCI 8204)

236. Re: Icom 706 & CAP/MARS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan5.184952.26691@ke4zv.atl.ga.us>
Source record: 207776

In article <kgk-0401961409100001@kgkmac.repoc.nwu.edu> kgk@nwu.edu (Kenneth Kalan) writes:
>I don't think I've seen this question posted yet. Can the new Icom 706 be
>modified for CAP/MARS use, not only on 2 meters but also on HF?

On HF, absolutely. Just remove diode D59 and reset. On VHF, not yet.
Removing D59 will allow it to transmit out of band on VHF too, but
power is reduced to about 1 milliwatt. Something else needs to be
done to prevent the foldback circuitry from being activated when
outside 144-148 MHz. We should discover that fairly rapidly when
the service manual becomes available.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

237. YELLOW CAB CO IS LOOKING RADIO PARTS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: VNVU83D@prodigy.com
Message-ID: <4ci30p$1laa@usenetw1.news.prodigy.com>
Source record: 207777

Yellow cab cooperation is looking for the way to prevent open micerophone
for our drivers with
different kind of radios so dispatchers know which cab # is opening the
microphone so far we know some kind of chip that you install each driver
radio (identifier and dispatcher board room)
example any one know where can we buy this product MAXRAD L 5/16
5/16-24 MOUNT ONLY
NO CABLE OR CONNECTOR #10551 or any other similar to this product we are
located
Milwaukee Wisconsin Near Chicago, Ill

Thank you for your time.

238. TimeWave DSP599ZX or MFJ-784B DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: Sean McDonald <seanmcd@iaccess.za>
Message-ID: <4ck8ia$dv@grovel.iafrica.com>
Source record: 207778

Hi.
I am interested in the above DSP units for an addition to
my ham shack. I would be interested in hearing from anyone
with experience in using any one of the above units, or
anyone who has compared the two units, or has information on
them, which one is recommended.

Thanks
Sean McDonald
ZS5TM
email: seanmcd@iaccess.za

239. German Company RFT or VEB Funkwerk?????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: Tom Bryan <tbryan@mailstorm.dot.gov>
Message-ID: <4cjrvs$cok@news.dot.gov>
Source record: 207779

Does anyone know anything about radios made by the German Company RFT or VEB Funkwerk? I am trying to identify a piece of equipment made by them.

Please email to;

Tom Bryan
tbryan@mailstorm.dot.gov
Opinions expressed are my own.

240. Re: Kenwood TS-870S Control Software Included

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: Jorma Saloranta <Jorma@salor.pp.fi>
Message-ID: <4ck1an$6p2@idefix.eunet.fi>
Source record: 207780

Contact Bill Baker WB9L

73 OH2kI

241. Re: Recommend fast charger for AA Nicad Cells

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: schuster@panix.com
Message-ID: <4ckam7$26a@panix3.panix.com>
Source record: 207781

In article <4chueo$if8@NNTP.MsState.Edu>,
David A. Boackle <dab2@Ra.MsState.Edu> wrote:
>David Feldman (dgf@netcom.com) wrote:
>: I'd like to find a fast charger that would be good for AA size NiCad
>: cells, including those high capacity ones you can get at rat shack.
>: I would like one that could do 8 cells at a time. Any suggestions?
>
>Hello David, I am currently using the "MILLENNIUM Power System" for a
>Uniden scanner which takes AA batteries. I purchased the AA's 4 years
>ago and have used them (discharge/charge cycle) once a week ever since
>then. I have two complete sets of batteries and also two 4-place
>chargers. I was impressed with the amount of power/run time, so I
>purchased millennium batteries for many other items around the house.
>
>The Millennium AA's that I have are rated 750 mAh and some Panasonics that
>I saw recently were only rated 500 mAh. I am not sure about the high
>power Radio Shack version.
>
>You should also know that even though the Millenniums are of higher
>capacity than most, they still all die about the same... Suddenly :)

The assets of Gates Energy Products, who owned the "Millenium" trademark,
were purchased by Eveready some months ago and those products are no
longer being produced. Some stores near me had close-outs on remaining
stock of this stuff over the summer.

Eveready once produced a 1-hour charger ("Generator") but it failed
commercially.

Anyone know of a rapid charger that ***PROPERLY*** charges invidual NiMH
penlite cells?

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | schuster@mem.po.com

242. SIMPLE SIMPLEX REPEATER.....HELP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: tcmedlin@cris.com
Message-ID: <4ckdsh$pjc@spectator.cris.com>
Source record: 207782
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment

I recently built the simple simplex repeater as described in 73 Amateur Radio Today, Nov 1995 issue. I have a bug and need help with ideas which may correct the problem. this simplex repeater is built around the ISD1000A voice record/playback IC that is available at radio shack. It has a max recording/playback time of 20 seconds. there are only 2 other simple flip-flops and a few other parts. This repeater should receive any transmission up to 20 sec, then rebroadcast that. It does that and the audio sounds good. Now here is the problem: if any received signal comes in for about one-half second or less, it then keys up the transmitter for a full 20 seconds before it will send the EOM end of message reset. this is not good because a short static burst or quick keying of the mike will lock it up for 20 sec. It functions normally of any signal over 1/2 second and up to 20 seconds. I dont think it is RF because I can manually key it up by manuall changing the voltage on the COS line and it still hangs up for 20 seconds. Does anyone have any ideas? Please email me if you can help.
thanks,
Tom, WA5KUB
email: tcmedlin@cris.com

243. KW TM-742a

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: Robert H�yvald <72242.477@CompuServe.COM>
Message-ID: <4ckans$l7s$1@mhafm.production.compuserve.com>
Source record: 207783

Can anyone help me on a mod. question. I did the mod. for expanded
RX/TX on the 742a and I have the UT28s module installed.
The problem is it can't rx above 32mhz but it will tx above 32mhz.
As I am a member of a fire/rescue group who uses 33.74mhz I would
like to RX these on the way to a call.
WHAT IS THE PROBLEM???
DID I DO THE MOD WRONG???
IS THERE SOMEONE WHO CAN HELP??? OR TAKE THE RADIO TOO???

Please E-mail 72242.477@compuserve.com
TNX & 73's

244. FS Knwd TM-742A + 1.2 gig $650.00

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: stanpetroff@tek.com
Message-ID: <stanpetroff.13.00A60FF3@tek.com>
Source record: 207784

Ready to sell, I pay shipping. Radio, mike, box & manual.

Call ken at (503)761-7574 or email at ke6ajd@teleport.com

245. subscribe

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: n7tcf@primenet.COM
Message-ID: <199601051255.FAA04994@usr5.primenet.com>
Source record: 207785

```
subscribe
```

246. Re: MIKE FOR HEATHKIT HW101

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: raiar@inlink.com
Message-ID: <4ckcr4$7l9@news1.inlink.com>
Source record: 207786

smith_j@WVLINK.MPL.COM (Jim T. Smith) wrote:

>I have a Heathkit HW101 and need a microphone or details on how to wire
>one to work with this radio. I want a desk mike with vox. This radio is
>super. It is my first HF rig and I love it! Anyone can help?
>Jim KB8YVN from northcentral West Virginia.

Love the HW101s, mine is still going strong, built in 72.

The mike is easy, ground is the ring, audio is pin 1 and ptt is pin 2,
even if you get it backwards and have to change it, it won't hurt
anything.

TTUL - 73+ de Gary - KG0ZP

247. Need help with key and bug parts

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: nmcewen@fohnix.metronet.com
Message-ID: <4ckr48$fe9@fohnix.metronet.com>
Source record: 207787

Hello Gang,

I've got some telegraph key restorations going and need a few parts to
finish up.

1. Bunnell Gold Bug -- need the circuit closing lever and mounting hardware.
2. McElroy A-400 bug -- need thumbpiece and weights. A-400 or P-500 parts OK
3. Signal Electric Semantic -- need the pendulum stop post.
4. Electro Bug -- need weights. need one thumbscrew and jam nut.
5. Levinson Radio "Like-A-Flash" -- need finger pieces, binding posts.
6. Logan SPEED-X reverse frame -- need finger pieces
7. Clapp-Eastham -- need binding posts
8. Independent Wireless -- need binding posts

Would buy parts off your junkers or buy your junkers for the parts.

--

73 de K5RW - Neal McEwen - Richardson, TX (Dallas)
******** I collect old telgraph and wireless telegraph keys *********
HomeNet - nmcewen@metronet.com - OS/2 tcp/ip SLIP
HomePage - http://fohnix.metronet.com/~nmcewen/techno_weenies.html

248. Sub

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: P04235@gegpo7.geg.mot.COM
Message-ID: <30ED8F5A@gegpo1.geg.mot.com>
Source record: 207788

Subscribe.

(If this is not correct procedure, please tell me what is)

249. For Sale Yaesu FT-2400 50

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: ej.johnson@digcir.cts.com
Message-ID: <960105100028329@digcir.cts.com>
Source record: 207789

AL}}A Yaesu FT-2400 50 watt two meter tranceiver. Options: DTMF paging module i

how much!?
EJ!
---
* OLX 2.1 TD * "Not tonight baby.....I have a modem."

250. IC-706 Speech Compressor

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: Harrington.Ed@mail.ndhm.gtegsc.com
Message-ID: <Harrington.Ed-0501961131170001@157.176.66.29>
Source record: 207790

I have a question concerning the proper setting of the IC-706 Speech Compressor. What is the best way to set the screw adjustment on the side of the rig properly??
Thanks and 73s,
Ed--AA1IN

251. Re: Info on IC-706 ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: hduff@humnet.humberc.on.ca
Message-ID: <8208801994901@lss.humnet.humberc.on.ca>
Source record: 207791

> >Comments welcome preferably by e-mail.
> >Many thanks...
> Hugh Duff VA3TO Toronto
>
>
> Please, everyone.....post answers to these type queries for all to
> read.....that's the purpose of the newsgroups. Feel free to CC the
> author via email if desired but don't leave the rest of us out. Thanks.
> Cordially:
> Rick Crider
> KD4FXA
>

Hi Rick...The intent wasn't to leave anyone out from reading the
responses...I get to read my e-mail much more often than I do the
newsgroups...thats all.
You're right though...I'm sure that others would like to read the
answers to my questions. I'll post any that stand out as not being
common replies that I've already seen.

Regards !

Hugh Duff VA3TO Toronto

• NFX v1.3 [000]

252. (none)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-05 00:00:00 UTC
From: wfrankln@bb-elec.COM
Message-ID: <199601051502.JAA21467@rs232.bb-elec.com>
Source record: 207792

```
subscribe
end
William H. Franklin, Jr. W4LVS/9
B&B Electronics Mfg. Co.
wfrankln@bb-elec.com
PO Box 1040 Ottawa IL 61350
http://www.bb-elec.com
```

253. FS: RCA TAC200 6 Meter Mobile Radios, 100 Watts

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-06 00:00:00 UTC
From: mnowlen@cwi.net
Message-ID: <4cmj14$td9@dcb01b.cwi.net>
Source record: 207605
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

RCA TAC 200 Low Band Mobile Radio High Split (42-50 Mhz)
FULLY SOLID-STATE Commercial FM Transceiver. 6 Frequency, Crystal
Controlled. Can be converted to 6 Meter Operation.
100 Watt transmit. Excellent specs.
Complete with Control Head, Microphone, Cable, 1 set of channel
elements, and key! (upon request) Plus shipping charges.

Series 1000 100 Watts, 25 lbs.....$100

Mike Nowlen, WB4UKB
Reston, VA
703-716-1363

No calls after 10PM Eastern please.

254. Looking For Heavy Duty (35-40amp) 13.8v Pwr. Supply.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-06 00:00:00 UTC
From: "Gregory B. Carey, Ph.D." <gbcarey@ingress.com>
Message-ID: <4cl0lt$fl5@stargate.ingress.com>
Source record: 207606
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.swap

De Greg Carey, KN4EL

CQ:
I am looking for a heavy duty, 35-40 continuous amp. 13.8V power supply. If anyone has one in mint condition for sale, or can direct me towards one, please let me know.

Thanks in advance.

73, Greg, KN4EL
gbcarey@ingress.com

255. DX Solutions SAS-antenna switch

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-06 00:00:00 UTC
From: Boerge Ravn-OZ8BR/SM0EBP <boerge@br-consulting.se>
Message-ID: <4cmnva$bg7@stella.tip.net>
Source record: 207607

Does anyone know what happened to DX Solutions?
The made a fabulous control unit for automatic selection of antennas, controlle by the digital "port"s, that most transceivers have today: ICOM, e.g. made a mistake when decidin on their antenna selecting system. the IC 726 santenna-selector is OK if yoy work the same antenna on 18/21 and 24/28 - but how many do that.
The DX-solutions "Smart Antenna Selector" can select: 2 antennas for 80 (high/low) - one for each of the other HF-bands. Temporary manual selection very quick.
73 de Boerge

256. Re: MIKE FOR HEATHKIT HW101

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-06 00:00:00 UTC
From: turner@safety.ICS.UCI.EDU
Message-ID: <19846.820906636@safety.ics.uci.edu>
Source record: 207608

In rec.radio.amateur.equipment you write:

>I have a Heathkit HW101 and need a microphone or details on how to wire
>one to work with this radio. I want a desk mike with vox. This radio is
>super. It is my first HF rig and I love it! Anyone can help?
>Jim KB8YVN from northcentral West Virginia.

Hi Jim:

Do you have the manual? You really need to have one. It will explain
the mike wiring. I also believe that VOX is built into the HW 101,
so that wiring according to the manual will get you there.

I believe I used a cheap crystal mike with my 101. I got one from a
CB guy for real cheap. You might try that. But the manual for the 101
is the key. If you want, you can put out a "want ad" on rec.radio.swap
and you would probably find one. There seem to still be a lot of 101's
out there! Yes, pretty darned good radios for their day, and even for
the money today.

Clark
WA3JPG

257. Re: Aerotron Repeater?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-06 00:00:00 UTC
From: Jim Lee <jlee@planetc.com>
Message-ID: <30EE4CFE.5EE@planetc.com>
Source record: 207609

Mark Monninger wrote:
>
> Our club recently acquired an Aerotron UHF repeater that's crystalled for
> 462.something. We'd like to move it down into the 70cm ham band.
> Unfortunately, even tho we got an apparently complete set of manuals with it,
> we can't find any specs for the channel elements so we can order crystals. The
> rock makers don't seem to know about them either. Anyone have any experience
> with these boxes? Attempts to contact the company (Aerotron, Inc. in Raleigh
> NC) lead us to believe they're not in business any longer. It looks like a
> nice unit and the price was right even if we use it for parts (the power
> supply alone is worth the price) but it would be neat if we can get it on the
> air.
>
> Any info will be appreciated.
>
> 73... Mark AA7TA

Aerotron should still be around, been awhile since I have had any contact with them.
Try the following:

P.O. Box 27500
Raleigh, NC 27611
Phone 919-827-4400

Or call the Tech-Net BBS at 423-235-3564 (2-Way radio bbs) and someone on the bbs should
have
info.

Thanks,
Jim KD4LP

258. Re: ICOM 706 and automatic tuners

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-06 00:00:00 UTC
From: Boerge Ravn-OZ8BR/SM0EBP <boerge@br-consulting.se>
Message-ID: <4cmmn8$83b@stella.tip.net>
Source record: 207610

Hi John!
Believe it or no - I have tried the 706 with both the SGS and the AH3-tuners!
I made a little control-box for the SGS - just to make it "smarter"!!
Both work UFB - BUT, none of them on 50 MHz!!!
The only auto-tuner that works on 50 MHz also is the matching AT 180!!
That one works UFB also.
The SGS is OK if you want to work ALL kind of antennas with different rigs.
The AH 3 is the natural choice if you want to work ALL antennas with the 706.
YThe AT 180 is the right choice if you want to work "nearly OK" antennas with the 706 - the impedance matching range is limited to approx 3:1.
The 706 is giving a lot of fun in a small box! have had it since september 95 and worked on all kin of antennas - from fishing-rod to 2 el Quad!!
73 Boerge

259. Re: IC706 and TNC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-06 00:00:00 UTC
From: Gary Pearce KN4AQ <kn4aq.gary@mms.net>
Message-ID: <4ckt7p$5d1@ralph.vnet.net>
Source record: 207611

ag368@FreeNet.Carleton.CA (Mark Boyer) wrote:
>I am considering the purchase of an Icom 706 and a TNC and was wondering
>if anyone has made the hook up. I know there isn't a dedicated port. I
>would be using it mainly on 2 meters.
>
>73
>
>Mark

Hi, Mark.

There is a 13! pin DIN accessory socket (and a plug supplied!) that looks like it can be used for 1200 bps packet. The only audio input is pin 11, which is labled "modulator input," 10kohm impedence. Pin 12 is labled "AF detector output, fixed, regardless of AF position." Squelch output, PTT, full-time 13.8 VDC and other signals are also on the connector.

But, I have not tried it...

73,
Gary KN4AQ

--
++
+ Gary Pearce AVID Editor KN4AQ +
+ Raleigh, NC Franklin Video Amateur Radio +
+ +
+ kn4aq.gary@mms.net +
++

260. Kenwoods for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-06 00:00:00 UTC
From: Dan Davis <dan110@ix.netcom.com>
Message-ID: <30EF2FEA.5472@ix.netcom.com>
Source record: 207612

I have a Kenwood ts-120s and a heath sb200 1kw amp both in mint condition with manuals.Also have a Kenwood TH78a fully modified with 200 channles and a te systems 2 meter 50 watt amp The 78a also comes with two beams one 2 meter one 440 with rotors and controlers will sell the whole package for $750.00 or make trade for ? also you can make offers on any of the items contact me by e-mail at (dan110@ix.netcom.com)

261. Wanted: Copy TM741 manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-06 00:00:00 UTC
From: rf@SUNCUB.BBSO.CALTECH.EDU
Message-ID: <4cmhpk$eu8@elroy.jpl.nasa.gov>
Source record: 207613

Hello Everybody....Thanks for reading this. I am looking for a copy of the Kenwood 741 manual. If some kind sole would make a copy for me or send me the manual and I will copy it. It would make me a happy camper. I would pay all costs. Thanks and 73's

Randy Fear KC6JTN
40386 North Shore Lane
Big Bear City, Ca. 92314

262. Re: TenTec Argonaut mods sought

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-06 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan6.144635.489@ke4zv.atl.ga.us>
Source record: 207614

In article <581.820788309@safety.ics.uci.edu> turner@safety.ICS.UCI.EDU (Clark Savage Turner WA3JPG) writes:
>I am very interested in collecting mods, hints and tips on the older
>classic Ten Tec Argonauts, the 505, 509 and 515's. I have just two
>that I found in QRP Quarterly.

The biggest improvement you can make to these radios is to replace the solder coated Molex pins in the harness with gold flashed pins. That will remove the chronic intermittants these rigs are prone to experience.

The chronic levels of SO2 in our urban air quickly tarnish the solder coated pins and cause intermittant problems. Often a good whack on the top of the radio will temporarily allow it to continue working. If you are experiencing this type of problem, simply removing the cover and exercising all the connectors will usually cure it for a while. But the better fix is to replace the pins with gold flashed pins.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

263. AEA PM-1 - Info Please?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-06 00:00:00 UTC
From: acopac@hope.netwizards.net
Message-ID: <4clueg$fa1@news.wco.com>
Source record: 207615

I have an AEA PM-1 packet modem and need the manuals, if necessary
software for same. A call to AEA resulted in "I don't recognize the
model number" ...
Noland WB6CKT

264. Need Icom R-71A logic board

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-06 00:00:00 UTC
From: Jeff Hutchinson <w4pbc@digital.net>
Message-ID: <30EEEE96.2D88@digital.net>
Source record: 207616

I'm restoring an old Icom R-71A receiver, and need a logic board. Will buy a basket-case R-71A if the logic board is okay. Happy new year, and vy 73.

265. Re: Yaesu 8500 features please

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-06 00:00:00 UTC
From: linvillm@gordon-nsc1.army.mil
Message-ID: <167cc$153931.6b@news.csra.net>
Source record: 207617

>My only complaint is that there appears to be a noticeable alternator
>whine, whereas my previous IC901 did not have one, time to make a
>filter :-(.

I have one other complaint. I am not happy with the options for
Automatic Receive Mute when there is activity on both bands. It appears
the only options are to ALWAYS MUTE the VHF OR ALWAYS MUTE THE UHF.
It seem the logical option would be to ALWAYS MUTE THE BAND THAT IS NOT
CURRENTLY SELECTED (i.e. the sub-band). That is what they did on the
FT-51 R and it works great when you happen to be talking and someone
starts talking on the other band. To add insult to injury, if you try
to mute the annoying band from the microphone mute button you discover
that it mutes BOTH bands.

266. WTB: Kenwood BS-5 / BS-8 Pan Adapter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-06 00:00:00 UTC
From: kd4vkj@ix.netcom.com
Message-ID: <4cmv96$jrk@cloner3.netcom.com>
Source record: 207618

Name is Gary, and I would like to find a BS-5 / BS-8
Pan Adapter for the Kenwood SM-220. If anyone knows
where to find one of these options I would greatly appreciate it.

Thanks and 73's
Gary

KD4VKJ@IX.NETCOM.COM

267. Re: Req info: Uniden 900Mhz HT (FPS 910TS)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-06 00:00:00 UTC
From: davidb9608@aol.com
Message-ID: <4cnfas$aq5@newsbf02.news.aol.com>
Source record: 207619

I also have a uniden 900 mhz radio fps 935ts which i am looking to progra
for the ham bands. I would appreciate any info on programming this radio
to transmit within the ham band

268. Re: Ameritron Amplifiers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-06 00:00:00 UTC
From: Kory Hamzeh <kory@avatar.com>
Message-ID: <Pine.BSD/.3.91.960106155958.8390C-100000@avatar.avatar.com>
Source record: 207620

On 29 Dec 1995, THOMAS COSTA wrote:

> I've been thinking of getting a HF amp, and wondered if anyone has
> any comments on the Ameritron 811 series?
> Any info would be helpful.
> Thanks,
> Tom N9GMW

I, too, would like to hear from people. I'm looking at the 811, 811H or
the AL-80B.

Thanks,
Kory

269. Re: Using HP8690 with HP8410 Network Analyzer ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-06 00:00:00 UTC
From: Jay Wicklund <jwicklun@mail.halcyon.com>
Message-ID: <NEWTNews.820972088.8581.jwicklun@mycroftxxx.halcyon.com>
Source record: 207621
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment

In article <820869685snz@microvst.demon.co.uk>,

>
> Does anyone have a suggestion on where to obtain the Service Manual for
> an H-P 8620C. I find that after lying unused for 6 months mine is now
> stone dead except for the illuminated power switch. Even the fan is
off.
> Are there any other fuses apart from the line fuse near the IEC
connector
> or will I need the schematic of the PSU?
>
> Also, has anyone married an 8620C (eg with 86290B) to a Tek 7L18?
>
> Regards,
> --
> Tony - G3SKR / AA2PM email: tgold@panix.com
>
tgold@microvst.demon.co.uk
> packet:
g3skr@n0ary.#nocal.ca.usa.na
>
Have you tried HP. I've purchased photocopies of old HP gear direct from
HP. It's not cheap, but it is reasonable. I don't have the number
handy, but if you have trouble finding it email me, and I'll look it up.
HP also has a web site that probably has phone numbers.

73 de KI7RH (Jay)
email: jwicklun@halcyon.com

270. WTB/R: Service manual IC-211

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-06 00:00:00 UTC
From: wday@dfw.net
Message-ID: <wday-0601962353000001@fw12.dfw.net>
Source record: 207622

Want to buy or rent (so I can copy) a service manual for the Icom IC-211
2m Multimode transceiver. Will purchase either an original or copy.

73 Wayne KF5ZC
voicemail: (817) 450-1043

Wayne Day KF5ZC Fort Worth,Texas,USA kf5zc@amsat.org |
CompuServe: 76703,376 76703.376@CompuServe.Com | ,__o
wday@dfw.net |--_<,
Member: Bicycle Mobile Hams of America (*)/'(*)
For info on BMHA or the BIKEHAM mailing list: Finger KF5ZC@dfw.net
---

271. Re: Transceiver Test Procedure

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-06 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan6.224601.2025@ke4zv.atl.ga.us>
Source record: 207623

In article <4coch6$cjs_002@brf9.jaring.my> jalil@pop.jaring.my (Jalil Latiff) writes:
>Can someone help me with a transceiver test procedure for a walkie talkie ?
>I need to prove one is better than the other.

Slam dunk each of them onto a concrete floor, measure how high
each of them bounces. The one that still works will be the
Motorola. :-)

Now what the heck do you want to test them *for*, IMD performance,
power output, most Gameboy features, what? Depending on what you
want to know, different tests will be required.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

272. Re: Is "Code Quick" any good?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-06 00:00:00 UTC
From: mcs@mich.com
Message-ID: <30ee8bb4.5746637@news.mich.com>
Source record: 207624

Curt Sanders <csanders@redrose.net> wrote:

>I have not used it yet, but 100% of the Techs upgrading in one of the
>clubs I belong to all swear by it (and test results show it). I'm
>getting it when I have the time.
>
>**********
>* "There is nothing constant but change." Heraclitus *
>* --- *
>* N3TLJ@WA3KXG.FN10RE.PA.USA.NA (Amateur Radio) *
>* Reunion Users Group (genealogy) * Hershey Apple Core *
>**********
>
>

I used "CODE QUICK" and loved it. I subsequently passed my tech +
exam now preparing for my general exam. I did notice the unfortunate
price increase (from $29 to $42), but knowing what I now know, I
think that its worth it. I found the usual tapes to be extremely
boring but not these.

If you want to use a computer for additional practice I would
recommend "Morse Academy". It is excellent freeware.

Marian , KB8ZWK

273. Re: Austin Amateur Radio Suppy

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-06 00:00:00 UTC
From: dx@sun.tir.com
Message-ID: <30ee07f4.2848245@news.tir.com>
Source record: 207625
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

On Sun, 31 Dec 1995 19:28:55 GMT, jjmartin@shore.net (Jim Martin)
wrote:

:>I had the opportunity to visit AARS in 1991 while attending school at
:>Bergstrom Air Force Base in Austin. Each time I visited the store was
:>a pleasant experience.
:>
:>It is also my experience that sales people "have to be perfect" in
:>every way for SOME hams and when or if one has a bad day/week (sales
:>person or customer for that matter) there are those few who, either
:>via packet or internet, paste their displeasure on the monitors of
:>those who partake of these modes.
:>
:>There are some hams who actually go way out of their way to find
:>something wrong with a ham sales establishment and end up amplifying
:>the little things to many times their actual importance or
:>un-importance...and they can't wait to share their negativism with the
:>rest of us.
:>
:>We are all the sum of our experiences in life... and some of us have
:>had a better life than others. But, just because the sales people
:>don't stand at the door in tuxedos to greet everyone with hors
:>d'oeuvres and free gifts and the customer's name up in lights doesn't
:>make the place a bad place to shop. After all, if EVERYONE
:>interpreted their visit experiences as that bad....these places
:>wouldn't be in business for very long.
:>
:>Sales people are human too...just like next guy. If one has a genuine
:>bad experience, call the owner or manager and let that person know of
:>the experience? ...Or, run home and blast way with your keyboard
:>phaser?
:>
:>just my two cents worth...
:>
:>jim martin, wk1v
:>lowell, mass
:>
:>My opinions are my own and do not reflect those of my employer in any
:>way, shape, or form.
:>
:>
You are wrong ! Any sales person regardless of who they work for have
the obligation of being as pleasant as possible to all customers.

Being snotty and unpleasant does nothing for customer relations not to mention the company they work for. If they cant be pleasant and helpful then they have no damned business being in the sales field. I am the service manager for an alarm company so believe me I know about customer relations and what some of these ham radio dealers exhibit is far from good customer relations.
Do you like talking to someone who has a chip on their shoulder and who talks down to you ? No, I dont either and if I get those kind of "vibes" I take my business elsewhere.

My opinion is also my own but DOES reflect those of my employer !

--
Tim

Amateur Radio: WB8OGM
Internet Email: dx@sun.tir.com
Packet Radio: WB8OGM@AA8GL.#nemi.mi.usa.noam

"Sometimes imagination is better than knowledge"

274. Want tower

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-06 00:00:00 UTC
From: kd4hrt@gate.net
Message-ID: <4ckldg$4l8@news.gate.net>
Source record: 207793

This message is directed toward hams in the Palm Beach County, Florida area. I'm looking for a tower, preferably a 40 ft (or taller) crank down. I will, however, consider any tower, as long as it is in good condition. Drop me a line at kd4hrt@gate.net Thanks, Doug

275. This is a test, PLEASE IGNORE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-06 00:00:00 UTC
From: hamibj@generation.net
Message-ID: <4clqiu$e6n@sunserver.Generation.NET>
Source record: 207794
Cross-posted to: news.newusers.questions,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

```
Ceci est un test...
```

276. Re: Probs with Yaesu 2M in Belgium.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-06 00:00:00 UTC
From: mauricea@glo.be
Message-ID: <4clmp7$ojd@moon.glo.be>
Source record: 207795

geert.bellens@student.kuleuven.ac.be wrote:

Hi,

>I'm not sure about Brussels, but in Antwerp there's a lot to hear
>on 145.765 the repeater of antwerp.
Correction: freq is 145.7625 (2.5Khz off..)

In Brussels you should be able to receive the Antwerp repeater and
145.675 (brussels), 145.700 (Ghent). Depending on your excact location
you might hear the Verviers repeater on the same frq as the on
Antwerp.
As for Simplex, try 145.500, 145.550 FM usually you can hear something
there. 145.550 might even get you Spacestation MIR when in reach. I
hear MIR 9++ in my car on a 1/4 wave antenna.

!
* Merry X-mas
*** Happy New Year.
o**** 1 9 9 6
***o**o
*o*******
"
bye, Maurice (mauricea@glo.be)

277. WTB: BC-312 Rx, BC-348 Dynamotor

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-06 00:00:00 UTC
From: "Christopher A. Bowne" <radiobwn@q.continuum.net>
Message-ID: <4cm36s$37s@news.continuum.net>
Source record: 207796

Serious vintage military radio collector (not dealer)
is looking for the following:

BC-312 Radio Receiver and accessories: including
wooden cases used in SCR-177 feild radio and SCR-193
vehicular installations with the BC-191 transmiter.
Prefer complete, unmodified receiver with dynamotor.

BC-348 Receiver 24V Dynamotor. Cosmetic condition
unimportant as long as it runs or can be restored
mechanically/electrically.

Also looking for BC-191/375 and BC-348 shock mounts.

73,

Chris, AJ1G
Stonington, CT

278. QRP PLUS computer interface

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-06 00:00:00 UTC
From: paul1@wizard.ucs.sfu.CA
Message-ID: <9601061235.AA13445@wizard.ucs.sfu.ca>
Source record: 207797

Is anyone familiar with a mod to interface the qrp plus with
a computer? I have heard that it has been done, but am trying to track
down who did it.

cheers, Paul
ve7cqk
email: paul1@wizard.ucs.sfu.ca

279. (none)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-06 00:00:00 UTC
From: cbuttsch@slonet.ORG
Message-ID: <Pine.OSF.3.91.960105184916.24501G-100000@biggulp.callamer.com>
Source record: 207798

```
subscribe
```

280. HELP ICOM R100

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-06 00:00:00 UTC
From: REDLIGHT@NANDO.NET
Message-ID: <REDLIGHT-0601961254400001@grail2314.nando.net>
Source record: 207799

I am looking for the modifications to unblock the ICOMR R100 unit.
I am a licensed FCC technician and also a paging and pcs provider,
and therefore consider myself eligible to operate these units in
the unblocked mode...I have six units to do and have already
considered sending them to Grove so please refrain from sending me
e-mails to that effect. I am certain that there cannot be all that
much to the modification if someone could just advise on where to
obtain it..Please reply to: redlight@nando.net

thanks in advance

Mike

--
Mike - Raleigh, NC USA

Opinions expressed herein are my own and do not in any way
represent those of my employer.

281. Re: What rig did the downed Pilot in Bosnia use?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-06 00:00:00 UTC
From: bsbonney@cris.com
Message-ID: <4cmjk1$pbk@spectator.cris.com>
Source record: 207800

tsimpson@iglou2.iglou.com (William Simpson) wrote:

>: >If memory serves me right, that pilot used some type of CW rig to aid in
>: >[...]
>: >Elmar

>The PRC-90 doesn't have too much of a range. Line of sight. The
>ELT's(Emergency Location Transmitters) [...]
> I believe the ELT's are supposed to be part of any military & civilian
>aircraft equipment. [...]

>William Thomas Simpson
>tsimpson@iglou.com

A combat aircraft would not have carried a civilian ELT; you don't want
just anybody to find the crash site (especially before you do). PRC is
the designation for backpack size communications radios (for example, the
PRC-54 (?) was the standard issue VHF radio during the Vietnam era). A
pilot would have a rugged handheld URC-type radio as part of his survival
gear (carried in his vest). These types of radios can be used in beacon,
voice, or silent (CW) modes. I also think the newest ones have encryption
capabilities, making it even harder for the bad guys to listen in.

Benton Bonney, bsbonney@cris.com
disclaimer: I was only a civil engineer in the Air Force. Our
communications sets consisted of two tin cans and a piece of string...

282. Re: Which IC-706, TS-50 or FT-900

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-06 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4cm8ob$qb0@newsbf02.news.aol.com>
Source record: 207801

I looked hard at the 900, and just as I was ready to buy it the ICOM 706 came along. I just got mine today, and so far I love it! For almost the same price as the other rigs I got 160 through 2 meters.

73 Tom

283. PRICE OF 706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-06 00:00:00 UTC
From: ahyman1361@aol.com
Message-ID: <4clpbc$lo0@newsbf02.news.aol.com>
Source record: 207802

SORRY FOR TYPO....

CORRECTED PRICE WAS $1240.00 DELIVERED.

73
DE- KA2PVR
ALAN

284. DRCP ham radio kits on WWW

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-06 00:00:00 UTC
From: Dave'Doc'Reid <101454.3715@CompuServe.COM>
Message-ID: <4cksdk$ib0$2@mhade.production.compuserve.com>
Source record: 207803

Hi all,

I have put some data on the WWW about
my companies kits for amateur radio... have a look

the kits are low cost and physically small (most on 1 inch PCBs)

Have a wander round and enjoy...

73 de Dave G0BZF
Packet G0BZF @ GB7DEO
email 101454.3715@compuserve.com
WWW http://ourworld.compuserve.com/homepages/drcp
(owner of D.R.Computer Products)

--

Dave 'Doc'Reid Owner and proprieoter of D.R.Computer Products
Bringing radio amateurs everywhere into the digital age
Callsign G0BZF GQRP # 3677 RSGB (UK organiser of LY96BDX)

285. subscribe

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-06 00:00:00 UTC
From: danie.BRynard@pixie.co.ZA
Message-ID: <199601060622.IAA26995@f15.pix.za>
Source record: 207804

SUBSCRIBE
danie.brynard@pixie.co.za

286. Yaesu FT-207R substitute battery pack required

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: Cyril Moriarty <cyrilm@iol.ie>
Message-ID: <4cn2g5$50i@barnacle.iol.ie>
Source record: 207626

Hi,
I have an old Yaesu FT-207R 2M Handheld that requires a new set of
rechargable batteries. I have been told that it is possible to get some
off-the-shelf batteries that are a lot cheaper than the standard battery
pack supplied by Yaesu. Can anybody please let me know where I can get
some suitable batteries (ideally in the UK or Ireland...).
73s de Cyril.
(EI4AGB)

287. Re: What rig did the downed Pilot in Bosnia use?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: tsimpson@iglou.com
Message-ID: <DKsJzx.9xs@iglou.com>
Source record: 207627

Benton StJ Bonney (bsbonney@cris.com) wrote:
:
: A combat aircraft would not have carried a civilian ELT; you don't want
: *just anybody* to find the crash site (especially before you do). PRC is
: the designation for backpack size communications radios (for example, the
: PRC-54 (?) was the standard issue VHF radio during the Vietnam era). A
: pilot would have a rugged handheld URC-type radio as part of his survival
: gear (carried in his vest). These types of radios can be used in beacon,
: voice, or silent (CW) modes. I also think the newest ones have encryption
: capabilities, making it even harder for the bad guys to listen in.

Actually all aircraft Military & Civilian do carry ELT's. Also alot of
the Army's aircraft also carry "black boxes" that traditionally have been
installed fleet wide after a mid air collision of some type by the same
type of aircraft. Also I believe the ELT's the military use are on a
different Freq than the civilian versions.

They carry them so that they can be found a lot easier by friendlys.
Also alot of the ELT's are mounted in the airframe where you cannot
get to them to remove them anyways.

And yes I now what PRC stands for. (Damn Prick, Damn Prick). BUT like I
said the though MOST PRC's that I have come into contact with don't have
more than a 20Km range anyways. And IF you are in a valley, forget about
it. Also I don't know what I'm talking about I've only been a Blackhawk
crewchief for , OH about 7 yrs. now

--
William Thomas Simpson tsimpson@iglou.com

288. New Web Page ON-LINE- "TEN-TEC"

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: mvangel@mvangel.com
Message-ID: <4cnkao$noo@caesar.ultra.net>
Source record: 207628

http://204.87.235.3/ten-tec

289. In Search of HT-10 accessories

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: mbg@world.std.com
Message-ID: <DKsozo.4yp@world.std.com>
Source record: 207629

I have a motorola HT-10 for which I am in need of a charger, desperately. I'd also like to get ahold of the headset/mic and any information on changing the operating frequency within the business band (to the one our group uses). Also, I'd be interested in finding out what other accessories there might be for it...

Thanks in advance.

Megan Gentry
Former RT-11 Developer
Former Ultrix Developer

Currently:

+-------------------------------------+-------------------------------------+
Megan Gentry	tcp/ip (work): gentry@zk3.dec.com
Unix Support and Engineering Group	or: gentry@rusure.enet.dec.com
Digital Equipment Corporation	(non-work): mbg@world.std.com
110 Spitbrook Rd. ZK03-2/T43	http://world.std.com/~mbg/
Nashua, NH 03062 (603) 881 1055	"Still real-time after all these
	years."
+-------------------------------------+-------------------------------------+

290. Which Jack for HF Radio-to-TNC Cables? (new article)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: medcalf@idir.net
Message-ID: <medcalf-0701961027490001@port29.idtslw1.idir.net>
Source record: 207630
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.equipment

Subject: Which Jack for HF Radio-to-TNC Cables? (new article)
Newsgoups:

Many HF radios have more than one jack that can be used to cable the radio to the TNC. How do you decide which one to use? The article "Which Jack for HF Radio-to-TNC Cables?" describes the transmit methods (AFSK, FSK, CW), and things to consider for each jack.

Article URL: http://www.idir.net/~medcalf/ztx/hf2tnc.html

From the home page at http://www.idir.net/~medcalf/ztx/ you can link to other articles, including one with sound files of the TOR modes. The articles may be reprinted in amateur radio club newsletters provided that credit is given to the author.

The site also contains diagrams for wiring radios to tncs.

73 gloria ka5ztx medcalf@idir.net

291. FS: MFJ-407B Deluxe Electronic Keyer

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: jjs@servtech.com
Message-ID: <4cojfj$n7i@murphy.servtech.com>
Source record: 207631

```
MFJ-407B Deluxe Electronic Keyer

Excellent Condition

$25 plus shipping

Jose Soler - N2LPJ

jjs@servtech.com
```

292. FS : Bencher BY-1 Iambic Paddle

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: jjs@servtech.com
Message-ID: <4cojp2$n7i@murphy.servtech.com>
Source record: 207632

```
Bencher BY-1 Iambic Paddle

Black Base

Like New

$35 plus shipping

Jose Soler - N2LPJ

jjs@servtech.com
```

293. wtb tube compressors

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: tbtarga@postoffice.ptd.net
Message-ID: <4con46$1jt@ns2.ptd.net>
Source record: 207633

If anyone comes across any radio compressors, I have a studio and am looking for tube or discrete compressors by urie,gates, altec, united audio ect. Also I buy old radio mikes. Email or call Tom Borthwick at 717 346-4299

294. FS: MFJ-1270B TNC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: jjs@servtech.com
Message-ID: <4coj74$n7i@murphy.servtech.com>
Source record: 207634

MFJ-1270B TNC

Excellent condition

$50 plus shipping

Jose Soler - N2LPJ

jjs@servtech.com

295. FS: MFJ-962C 1.5Kw Versa Tuner III

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: jjs@servtech.com
Message-ID: <4cojci$n7i@murphy.servtech.com>
Source record: 207635

MFJ-962C 1.5 Kilowatt Versa Tuner III

Excellent Condition

$50 plus shipping

Jose Soler - N2LPJ

jjs@servtech.com

296. Transceiver Test Procedure

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: jalil@pop.jaring.my
Message-ID: <4coch6$cjs_002@brf9.jaring.my>
Source record: 207636

Can someone help me with a transceiver test procedure for a walkie talkie ?
I need to prove one is better than the other.

Best Regards,

Jalil Latiff - Universal Telecommunication Network Services
Telecommunication Turnkey Systems Engineering
Tel : + 60 (0)3 735 6980 Fax : + 60 (0)3 735 6978

297. FS: Ham Equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: scorpion@digital.net
Message-ID: <4cp3du$o3e@ddi2.digital.net>
Source record: 207637

```
For Sale
Ham Radio Equiptment:
```

298. Re: What rig did the downed Pilot in Bosnia use?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: ke3mf@atc.ameritel.net
Message-ID: <167cc$167a.242@NEWS>
Source record: 207638

bsbonney@cris.com (Benton StJ Bonney) wrote:

>tsimpson@iglou2.iglou.com (William Simpson) wrote:

>>: >If memory serves me right, that pilot used some type of CW rig to aid in
>>: >[...]
>>: >Elmar

>>The PRC-90 doesn't have too much of a range. Line of sight. The
>>ELT's(Emergency Location Transmitters) [...]
>> I believe the ELT's are supposed to be part of any military & civilian
>>aircraft equipment. [...]

>>William Thomas Simpson
>>tsimpson@iglou.com

>A combat aircraft would not have carried a civilian ELT; you don't want
>*just anybody* to find the crash site (especially before you do). PRC is
>the designation for backpack size communications radios (for example, the
>PRC-54 (?) was the standard issue VHF radio during the Vietnam era). A
>pilot would have a rugged handheld URC-type radio as part of his survival
>gear (carried in his vest). These types of radios can be used in beacon,
>voice, or silent (CW) modes. I also think the newest ones have encryption
>capabilities, making it even harder for the bad guys to listen in.
>-----
>Benton Bonney, bsbonney@cris.com
>disclaimer: I was only a civil engineer in the Air Force. Our
>communications sets consisted of two tin cans and a piece of string...

The PRC-90 is an HT sized, personnel radio carried by Navy Aircrew in
the 80s, early 90s. They were to be replaces by a PRC-1xx (I don't
recall the numbers), I did not see any, nor did we receive the test
equipment for when I got out of the navy in 1993

de Glenn, KE3MF

299. New ham web Page!!!!!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: David Mclean <dmclean@dfw.net>
Message-ID: <4cneqk$939@fnord.dfw.net>
Source record: 207639
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Hello I have a new ham web page that I have been working on. My web address of "http://www.dfw.net/~dmclean". Please take a look. I call it D/FW hams but other hams outside of D/FW are Welcome. I have are list of serves that will have any and all types of mods. If you do look at my web page please send my comments about that page. I hope you like it!!!

--
David Mclean
From The World of Hamradio
KC5NNV is Clear!

---

300. Wanted: Manual for Heath HD-15 Phone Patch

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: ham@w3eax.umd.edu
Message-ID: <4cpdnf$e2p@cville-srv.wam.umd.edu>
Source record: 207640

I have a Heath HD-15 phone patch; it's the older Heath Green,
and I don't have a manual for it. Can anyone help?

Thanks!
--
Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 40-10/6/2/440
** Yes, you CAN do VHF contests with 25W and omni antennas **
Still stuck at 138 countries confirmed on HF w/dipoles...
72 & 73 from suburban DC 301-549-1022 (h) 301-982-1015 (w)

301. Re: Recommendations..

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: bobdaney@ix.netcom.com
Message-ID: <4cp5i1$clc@ixnews5.ix.netcom.com>
Source record: 207641

In <DKpx5F.Jpu@murdoch.acc.Virginia.EDU> jes8n@poe.acc.Virginia.EDU
(James-Edward Sved) writes:
>
>I am looking to get into amatur radio. Can anyone recommend a
>decent, affordable unit for a newbie?
>
>Thanks.
>--
>**
*****
> James-Edward Sved * Architect/Project Manager * University of
Virginia
> * Tel 804.982.0179 * Fax 804.982.0528 * Internet Mail:
sved@virginia.edu *
>**
*****

yes, i have used heathkit hw101, ans a yeasu tempo one for years. they
are cheap and work well. they are tube tranceivers. if you wany solid
state, almost any older kenwood or yaesu will work fine. i used a
kenwood 520 and it was both cheap and worked well.

bob daney wd8lic

302. RE:Austin Amateur Radio Supply

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: bobropes@smokey.prismnet.com
Message-ID: <4cn5be$4hn@ferengi.prismnet.com>
Source record: 207642

I'm new to radio and have been to AAR several times to learn about equipment and such. Each time I was treated with very rude and arrogrant attitudes. It was as if I didn't know enought to be talking to them. What a terrible way to treat new potential customers! I don't think the manager cares cause he was one of the rude ones. I will buy all my equipment throught the mail and i live in Austin.

303. Re: Aerotron Repeater?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: radiomatt@aol.com
Message-ID: <4co1o7$hsm@newsbf02.news.aol.com>
Source record: 207643

Aerotron is now part of Siemens, a German Company, and unbless I'm wrong
they're still around Raleigh somewhere

304. Radio Computer Interface Protocols Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: cps@access.digex.net
Message-ID: <cps-0701961328290001@bab00110.slip.digex.net>
Source record: 207644

I am looking for information about the protocols used by Lowe, Drake, Japan Radio, and AOR radios for their computer interfaces. I plan on modifying the shareware Macintosh radio interface software I already have for Icom rigs. (Kenwood and Yaesu versions are already under development)

If anyone has copies of the protocols for these radios, I'd appreciate getting a copy, or finding out where I can get the information (is it online?)

Thanks,

Chris
N3JLY

--

|Check out my WWW page at http://www.access.digex.net/~cps/ for scientific |
|software for the Mac, Free Radio, Shortwave Radio, and Spy Numbers Stations |
|information. |
|Finger me (cps@access.digex.net) for my PGP Public Key |
---

305. Alinco DJG5T??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: Jeff Goebel <jgoebel@rrnet.com>
Message-ID: <4corsq$lk7@news.rrnet.com>
Source record: 207645

I am planning a purchase of a new dual-band HT.

I have seen plenty of comments on the Yeasu and Kenwood
offerings but haven't seen much on the Alinco DJG5T.

Anyone have any comments on it? Mods?

Thanks,

Jeff Goebel N0VHB <jgoebel@rrnet.com>

306. E.M.C. MODEL 206 TUBE TESTER CHARTS WANTED - tube.001 [1/1]

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: l.mclaughlin@popmail.csuohio.edu
Message-ID: <4cp67g$i3u@csu-b.csuohio.edu>
Source record: 207646

Hello,

I am seeking photocopies of tube reference charts or tube reference roll charts (they're on two spindles inside the machine that show thru a user's window on the machine with a thumb dial to move it up or down to a tube on the list) DESIGNED TO BE USED EXPRESSLY with an Electronic Measurements Corp.'s product, an E.M.C. Model 206 mutual conductance tube tester.

I will take photocopies of your original charts and am willing to pay a fair price -- they need not be on the spindles, on just plain 8 1/2 by 11 white paper. If you do not wish to make the copies, you can send them and I will photocopy them and return them with a check in payment for their loan, plus two way postage expenses.

I just bought this used, do you know if this machine which is at least 30 years old can do the following tubes if the charts are available for it for the proper machine settings for the respective tubes?

I am looking for the charts for this machine that cover guitar amplifier tubes such as:

Columns #1 and #2 are the most important.

column #1 column #2 column #3 column #4

7027A 6550 5V4 6CA4
7591 6L6 5Y3GT 6CG7/6FQ7
7199 6V6 6267/EF86 6DJ8
12AX7 & 12AX7A EL84 6922 6EU7
12AT7 GZ34 6AQ5A 6EY6/6EZ5
12AY7 EL34 6AT6 6GW8
12AU7 5U4GB 6AU6 6K6
12DW7 ECC83 6BK11 6K11
6CG7 7025 6BM8 6SC7
6AN8A KT88 6C4 6SJ7
KT99 6H6 6C10 6SL7
6X4 7189
12BH7 OC3

I am a complete novice at electronics, but wanted a tube tester to check my amp tubes. I don't even know how to use the machine yet, although it has the operating instructions manual with it at least.

Is this company still in business or making the same/similar model?

Thank you and please email me with your pricing or any info as to where I can get these tube charts, literature, parts, etc. related to this tester. It is appreciated.

Lance

307. For Sale: RFConcepts 4-110 440Mhz Amp

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: kd4idr@netline.net
Message-ID: <4cphfo$76m@tesla.netline.net>
Source record: 207647

Hello Everyone!

I have for sale a RFConcepts 4-110 Amp. It is 10 watts in 100 watts out. Excellent condition. Very low usage. Asking $275 plus shipping.

73, Paul

kd4idr@netline.net

308. Re: FT757GX Computer control?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: dickd@magicnet.net
Message-ID: <4cphh3$mio@comet.magicnet.net>
Source record: 207648

In article <30EF7AE8.7A0F@hq2.walldata.com>, clefebvr <clefebvr@hq2.walldata.com> says:
>
>Has anyone out there successfully interfaced any of the common Windows
>rig control pakages (ProCat, RigWindows, CAT757, etc...)with a Yeasu
>757GX? I have not had much luck to date. If so, what hardware interface
>did you use and what software package(s) were you successful with.
>Feel free to send Email:
>Thanks, Carl
>
>Hi Carl,

I have been using Logmaster by Sensible Solutions. The interface cable
is an after market one by a W1???. The folks at Sensible Solutions put
me on to them. It works quite well for logging and packett call outs.
Although it is a DOS program I have run it from WINDOWS.
I think you can find them in CQ or QST.

Good Luck, the 757GX is hard to beat.

73, Dick KB4QKP

309. Icom 706 hand mic. (More)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: rickcrider@aol.com
Message-ID: <4cpc2h$4f7@newsbf02.news.aol.com>
Source record: 207649

All:
I just recently posted a query regarding the unusual design of the Icom 706 hand mic, the HM 103. Didn't seem to generate much interest. Surely amongst all the 706 chatter someone out there has experimented with the metal and rubber disc arrangement inside the mic. I've heard three versions: (1) Remove the metal disc, (2) Remove the rubber disc, and, (3) Remove both discs, for improved mic performance.

Surely Icom didn't throw in these two pieces without reason.....any further thoughts or ideas out there? Could this be the source of the 'tinny' or poor audio and mic gain that some have mentioned? Thanks.

Cordially:
Rick Crider
KD4FXA
Monroe NC

310. Re: What is HF?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: Michael Neidich <neidich@interport.net>
Message-ID: <30F02CF4.6843@interport.net>
Source record: 207650

The military decided they needed more designations for bands above 1 GHz.
L, C, S, K, are now supplemented with others more specific. Check the
microwave suppliers for details.
73, K2ENN

311. E-V Microphone FS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: steveclby@aol.com
Message-ID: <4cou36$sd3@newsbf02.news.aol.com>
Source record: 207651

For Sale:

ELECTRO-VOICE #664 Variable-D* Dynamic Cardioid Microphone,
Variable Impedance Wired HI-Z, with original box. Has boom
mount attachment (permanent) and includes adjustable boom
(Appears to have been made from an adj. desk lamp base).
Appears to be in VG-EX cond. Cable also included.

I don't know the value of this mic and would appreciate your
input or offer.

Thanks for your consideration,

Steve

312. Power Supplies For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: steveclby@aol.com
Message-ID: <4cp09a$t7h@newsbf02.news.aol.com>
Source record: 207652

For Sale:

(2) ELPAC OLV30-12 Power Supplies, 12v, 4.0A (Adj. 4v,6A.
to 28v, 1.7A.) With Remote Sensing, (Instructions/Spec. Sheet
Included)

Guaranteed Specs:

1. Line Regulation: +/- .1% Output For
+/- 10% Input Variation

2. Load Regulation: +/- .1% Output for No Load
to Rated Load

3. Ripple: .1% P-P Output For
No Load to Rated Load

4. Ambient Temperature: 0-55 degrees C

Input: 120vac or 240vac

I'm selling the (2) units together. One has been wired for
120VAC and is putting out 12V. The other unit appears to have
been worked on and the AC cord has been removed. It may or
may not work, so I'm selling it as is. $25.00 plus shipping
for both.

Also available:

Variac V10-G3/POWER SUPPLY in steel cabinet with whisper
fan and Simpson DC volt and amp. meters. Marked "General Radio"
on handwritten tag inside case. 115v. Input 10a. 50-60 ~
I checked the output with a meter and it seems to range
from 1 or 2v. to approx. 30v. Dial is calibrated from 0 to
130. It appears to be set up as a battery charger or transformer
as it has (2) heavy output leads with battery style spring
clamps. $75.00 plus shipping (heavy)

Thanks for your consideration,

Steve

313. dvp is back

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: dvp@sysu.COM
Message-ID: <199601072317.PAA27120@UCSD.EDU>
Source record: 207653

Hi,

I got a great news for all contesters and CT users. I wanted to share with
you that DVP(digital voice processor) originaly designed by K1EA is back.
The DVP is now produced by ACOM. For more information I would encourage you
to look up
the DVP home page at http://www.sysu.com/dvp or send E-mail to dvp@sysu.com.

Krassi/AA1ND/

314. WANTED ** Military Surplus

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: "Lloyd A. Scott, Jr." <wpul1130@cris.com>
Message-ID: <4cpii9$fus@spectator.cris.com>
Source record: 207654

Wanted information, thech manual, operations manual for WWII US Marine Corps MAB TRansceiver, also any historical information. Can also use any TM or FM (communications)

315. Re: What is HF?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: Danie Brynard <danie.brynard@pixie.co.za>
Message-ID: <4co52u$q1t@hawk.pix.za>
Source record: 207655

Normally HF is 3-30MHz.
3-3MHz is MF (meduim wave)
30-300MHz is VHF
300-3000MHz is UHF.
etc etc

There are however many sub-bands within these bands ie p-band,
L-band..etc

There are also apparently a whole new list of names for every thing
!

73 danie

316. Re: Re:Drake and Swan Astro Departing Ham Market

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: radiomatt@aol.com
Message-ID: <4co1oe$hsr@newsbf02.news.aol.com>
Source record: 207656

Drake returned to the HF market several years ago with a very popular SW radio, the R-8, followed by a portable SW-8, and now an updated R-8A

317. software

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: sf0ycl@scfn.thpl.lib.fl.us
Message-ID: <4cng9e$ii4@mother.usf.edu>
Source record: 207657

looking for ICOM UHF 430-470 PROGRAMMING SOFTWHARE.

318. WTD ELECTRON. MEAS. CO'S #206 TUBE REF. CHARTS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: fu718@cleveland.Freenet.Edu
Message-ID: <4cn6cd$off@madeline.INS.CWRU.Edu>
Source record: 207658

Hello,

I am seeking photocopies of tube reference charts or tube reference roll charts (they're on two spindles inside the machine that show thru a user's window on the machine with a thumb dial to move it up or down to a tube on the list) DESIGNED TO BE USED EXPRESSLY with an Electronic Measurements Corp.'s product, an E.M.C. Model 206 mutual conductance tube tester.

I will take photocopies of your original charts and am willing to pay a fair price -- they need not be on the spindles, on just plain 8 1/2 by 11 white paper. If you do not wish to make the copies, you can send them and I will photocopy them and return them with a check in payment for their loan, plus two way postage expenses.

I just bought this used, do you know if this machine which is at least 30 years old can do the following tubes if the charts are available for it for the proper machine settings for the respective tubes?

I am looking for the charts for this machine that cover guitar amplifier tubes such as:

Columns #1 and #2 are the most important.

column #1 column #2 column #3 column #4

7027A 6550 5V4 6CA4
7591 6L6 5Y3GT 6CG7/6FQ7
7199 6V6 6267/EF86 6DJ8
12AX7 & 12AX7A EL84 6922 6EU7
12AT7 GZ34 6AQ5A 6EY6/6EZ5
12AY7 EL34 6AT6 6GW8
12AU7 5U4GB 6AU6 6K6
12DW7 ECC83 6BK11 6K11
6CG7 7025 6BM8 6SC7
6AN8A KT88 6C4 6SJ7
KT99 6H6 6C10 6SL7
6X4 7189
12BH7 OC3

I am a complete novice at electronics, but wanted a tube tester to check my amp tubes. I don't even know how to use the machine yet, although it has the operating instructions manual with it at least.

Is this company still in business or making the same/similar model?

Thank you and please email me with your pricing or any info as to where I can get these tube charts, literature, parts, etc. related to this tester. It is appreciated.

Lance

319. Kenwood TR-9130

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: dross@sirinet.net
Message-ID: <4cnlv4$ogu@panther.sirinet.net>
Source record: 207659

Anyone have one of these for sale?

NL7CO

320. Emergency Radios

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: cn1290@coastalnet.com
Message-ID: <4cnkn5$l3@treasure.coastalnet.com>
Source record: 207660

I have been repairing PRC-90's for almost 15 years now. These are still the most widely used radios in NAVY and MARINE aircraft. I also have 500 hours as an enlisted aircrew member and carried one of the radios.

PRC-90's transceive on 282.8 and 243.0 (guard) with modes of am voice and MCW for code. 243.0 Mhz also has a dual tone swept beacon mode. Power out put is about 225 to 300 Milliwatts on average. Those are the basics. Have QA'ed and repaired hundreds of these things over the years.

As far as ELTs on tactical aircraft... They do not carry them. Naval aircraft do a beacon the uses the same dual tone swept beacon the the PRC-90 uses. It is automaticlly activatied upon seat ejection. For recovery purposes, the aircraft us an ultrasonic pinger with a saltwater activated delayed switch.

Saying any more would not be smart. I do not know what O'Grady was using but, knowing the Air Force it was probaly a newer version of the same old thing.

Buy the way I work now as an electronic warefare tech and I daily train F-16c and others on electronic warefare tactics and I will say Scott O'Grady was not trained here on our EW range.

Bye and have a good day.

321. Alinco DR 150T frequency mod

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: Richard May <may@qnet.com>
Message-ID: <4cpaog$9ib@mandolin.qnet.com>
Source record: 207661

I would like the modification to extend transmission frequency range on Alinco model 150T mobile transciever

322. Re: Drake and Swan Astro Departing Ham Market

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <DKtzBr.Iqt@iglou.com>
Source record: 207662

WB3U (jackl@pinetree.microserve.com) wrote:
: retains an S-meter with the red Swan "S" insignia. Perhaps someone
: with the predecessor to this rig (Cubic Astro 102BX) can tell you
: whether that rig was also devoid of the Swan name.

I owned the Astro 102BX for about 9 years and just recently sold it. It was as SWAN Astro 102BX and not Cubic. For it's day, it was an excellent transceiver. It reminded me of the Ten-Tec Corsair in many ways. It used dual PTO's, red LED display for frequency and had excellent QSK with no relay. It's biggest shortcoming was the cw filter. The rig had "passband tuning" and allowed one to narrow down the IF by turning one knob. A row of LEDs indicated the width of the passband. There was a 2 pole crystal cw filter in mine that was virtually worthless. Blow-by was so bad that it really sounded best with the cw filter turned off and the passband set to it's narrowest position. Cw was a pleasure especially the QSK. It was lightning fast. SSB transmitt audio quality was beautiful. I used a D-104 mic and people would break in just to ask what I was using for a rig!

The main difference between the Swan and Ten-tec was the construction quality. Swan's circuit boards were heavy glass type boards and their components appreared to be Mil-spec type stuff.

When the Cubic Astro 103 came out, the WARC bands were added and a better cw filter was available. This rig was expensive for it's day being almost $900.

I think the little Swan 150 is the one with "electronic tuning" where you must hold a knob as the frequency changes much like the newer car radios. I find that very hard to live with.

Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

323. Re: IC-706 Speech Compressor

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <DKtzFx.It7@iglou.com>
Source record: 207663

I had another station listen to my signal while I adjusted it. Also, you
may try transmitting into a dummy load while listening on another
reciever. Try to adjust it so that your voice is boosted but so it
doesn't pick up a lot of background noise ie. fans etc.

Ed Harrington (Harrington.Ed@mail.ndhm.gtegsc.com) wrote:
: I have a question concerning the proper setting of the IC-706 Speech
: Compressor. What is the best way to set the screw adjustment on the side
: of the rig properly??
: Thanks and 73s,
: Ed--AA1IN

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

324. FT757GX Computer control?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: clefebvr <clefebvr@hq2.walldata.com>
Message-ID: <30EF7AE8.7A0F@hq2.walldata.com>
Source record: 207664

Has anyone out there successfully interfaced any of the common Windows rig control pakages (ProCat, RigWindows, CAT757, etc...)with a Yeasu 757GX? I have not had much luck to date. If so, what hardware interface did you use and what software package(s) were you successful with.
Feel free to send Email:
Thanks, Carl

Internet: clefebvr@hq2.walldata.com
Amprnet: wb1eyg@amgate.net.plattsburgh.edu
AX25 : wb1eyg @ kc4hqs.#orl.fl.usa.noam

325. Re: Ameritron Amplifiers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: rsmall01@aol.com
Message-ID: <4codhb$lme@newsbf02.news.aol.com>
Source record: 207665

Dito.....

Have just about decided on the 80B but would love any comments.

Dick

326. Free Ham Radio Web Based Forums (http://hamradio.bicnet.com)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: ka1si@bicnet.com
Message-ID: <1a2i502i1i50$4cJ@newtoy.ostech.com>
Source record: 207666

We have set up a Free Ham Radio Web based Forums Site for general use.

As these forums grow, more specific purpose forums will be created for
things like For Sale notes, etc.

These forums are open to the general internet community, and your
participation is encouraged! The Forums System on which they are implemented
is very easy to use.

The url is: http://hamradio.bicnet.com

Regards,
Steve KA1SI

327. Q:Mods to Realistic HTX 202 HT?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: J Scott Wilson <Jswilson@hypertech.yknet.yk.ca>
Message-ID: <4cpkur$rv8@spot.yknet.yk.ca>
Source record: 207667

A non-modemed friend has the following query:

I am looking for modification information and procedures for expanded RX
and TX for the Radio Shack Realistic HTX 202 2 meter HT.Does anyone have
or know the location of such information??

I will pass on any replies.

Scott Wilson
406 Lambert Street
Whitehorse YT
Canada Y1A 1Z7
(403) 668-4518 (h)
(403) 668-3736 (fax)

328. Help find company address

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: genek@dibbs.net
Message-ID: <30F07399.630@dibbs.net>
Source record: 207668

I am trying to find a phone number and/or address of Sunset Systems
Computer Company of Ypsilanti, Michigan. It is a company that travels
the hamfest circuits selling mother boards and periphrials.
Please reply here or send me personal Email at addresses below.
Thanks for reading this.
--
: Gene Kennedy,WA4WBI, Mobile AL
: genek@maf.mobile.al.us
: genek@dibbs.net

329. Re: In Search of HT-10 accessories

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: Brian Kitaoka <bk104@hgea.org>
Message-ID: <4co2tv$mav@hgea01.hgea.org>
Source record: 207669

Hi Megan:

The Motorola HT-10 is also known as the RADIUS P-50. The HT-10 is a crystal controlled radio. There are two chargers available for this unit. A 10-hr and a 3-hr. Recommend you post a WTB under Rec.Radio.Swap.

73's

Brian

330. YAESU FT-1000D FOR SALE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: clw@icon.net
Message-ID: <clw.7.00117734@icon.net>
Source record: 207670

I have a mint, no scratches, FT-1000D for sale...!
The rig is 3 years old and is just back from the factory with all updates and mod's. This is the Dream of all radios. 200w output cross-band operation to name a couple of the many features. New ones go for $3995.00, I will let this one go for 2800.00 US and u pay shipping. This rig is still in the box... All manuals and original boxes.

Craig
KB5BOB
Mustang, OK
clw@icon.net

331. 2 meter Helical Filter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-07 00:00:00 UTC
From: wpalmer@buffalo.sonic.net
Message-ID: <4cpiht$4cr@ultra.sonic.net>
Source record: 207671

I have a 2 meter Helical filter for sale. Great for hams that live in high noise areas like cities or near repeater sites. Will sell for $20.00. If interested call me at 707-935-9519 or e-mail to wpalmer@sonic.net.
Thanks from Bill KE6PT

332. Re: Q:Mods to Realistic HTX 202 HT?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: oops@msg.ti.com
Message-ID: <4cs5dh$14f@tilde.csc.ti.com>
Source record: 207555

In <4crivh$elc@ixnews7.ix.netcom.com>, bigjon1@ix.netcom.com(Jon Shay) writes:
>In <4cpkur$rv8@spot.yknet.yk.ca> J Scott Wilson
><Jswilson@hypertech.yknet.yk.ca> writes:
>>
>>A non-modemed friend has the following query:
>>
>>I am looking for modification information and procedures for expanded
>RX
>>and TX for the Radio Shack Realistic HTX 202 2 meter HT.Does anyone
>have
>>or know the location of such information??
>>
>>I will pass on any replies.
>>
>>Scott Wilson
>>406 Lambert Street
>>Whitehorse YT
>>Canada Y1A 1Z7
>>(403) 668-4518 (h)
>>(403) 668-3736 (fax)
>>
>
>Rumor has it that there are no mods......
>
>Big Jon/....KC5MOP
>Tucson,Az

You can try a ftp to oak.oakland.edu and see. However, I've also heard that
the HTX-202 cannot be modified to RX/TX outside of the 2m amateur band.

Mitchell Carson - KC5MKW
Texas Instruments

Std. disclaimer: I speak only for myself.

333. Wanted Kenwood 940 or FT-1000

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: roberto@gil.net
Message-ID: <4cpsid$3rb@wakko.gil.net>
Source record: 207556

I am looking to purchace a Kenwood 940 or the Ft-1000.
If you have any for sale e-mail me your price and specs.
Thank yo for your assistance in advance.

KD4KEX 73's

334. Looking for 144, 430 miniture transmitter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: oguma@super.win.or.jp
Message-ID: <4cpp7g$nv3@super.win.or.jp>
Source record: 207557

I would really like to find transmitter.
If possible,it is crytal controlled one and batteryis supplied with AC.

Because...

There are a few types,so we can easily find it bug.

Could you tell me the fax number or E-mail address of the shop ?
Thanks much!

Akihiro Oguma

oguma@super.win.or.jp

335. Yaesu Twins & Converters For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: braymer@sunbelt.NET
Message-ID: <01HZRGXUYE0O8WW4CM@SUNBELT.NET>
Source record: 207558

I am listing this for a ham friend of mine who is not on internet

For Sale Yaesu FR-101 Receiver and FL-101 Transmitter
with Yaesu six and Two meter converters,With manual and
cables.The Twins are in very mint condition $500.00 for all plus
shipping.Call Dale KF4ABV at 1-615-858-4163

Please call Dale he owns the gear,I am only listing it for him.

---

336. Re: Using HP8690 with HP8410 Network Analyzer ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: alf@kaiwan.com
Message-ID: <H2DymClg1KLT068yn@kaiwan.com>
Source record: 207559
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment

Sorry but I couldn't help. Enjoy.

In article <NEWTNews.820972088.8581.jwicklun@mycroftxxx.halcyon.com>,
Jay Wicklund <jwicklun@mail.halcyon.com> wrote:
>
> Have you tried HP. I've purchased photocopies of old HP gear direct from
^^^^^^^^^^^^^^^^^^^^^^^^^
Gee, I guess it will be real portable if you fold photocopy of 8620C
and put it in your shirt pocket.

> HP. It's not cheap, but it is reasonable. I don't have the number
> handy, but if you have trouble finding it email me, and I'll look it up.
> HP also has a web site that probably has phone numbers.
>

73,

Alfred Lee alf@kaiwan.com
KE6KGV 'The answer is (e^i&#65533; + 1) ? "No" : "Yes"'

337. DESPERATE IN CLEVELAND - NEED TUBE TESTER INFO - tube.001 [1/1]

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: l.mclaughlin@csu-e.csuohio.edu
Message-ID: <4crjpp$osb@csu-b.csuohio.edu>
Source record: 207560

From: l.mclaughlin@csu-e.csuohio.edu (Bostonian in Ohio)
Subject: DESPERATE IN CLEVELAND - NEED TUBE TESTER INFO - tube.001 [1/1]
Date: 8 Jan 1996 17:20:57 GMT
Organization: Cleveland State University
Message-ID: <4crjpp$osb@csu-b.csuohio.edu>

I am in search of information on the following tube tester:

1) EMC Model 206 Dynamic Mutual Conductance/transductance Tube
Tester - a dinosaur. EMC stands for Electronics Measurement
Corp. I want to be able to test newer tubes, if possible.
Please advise if it is not with this tester. It has a tube
chart for the older tubes.

The information that I seek is or any advice you care to offer
for sources of this info:

1) Schematics & servicing, calibration, parts lists info
2) Operators manuals
3) Tube setup sheets
For 7000 series tubes (especially 7027A, 7591, 7199, 7025)
6550 series & up tubes (especially 6550)
12DW7
12AX7A (it has a chart for a 12AX7)
EL84
EL34
ECC series tubes (e.g., ECC83)
KT88
GZ34
4) Broken units for parts
5) Any other useful info

Thanks
Lance

I have run the following posting with no luck on the boards
I could find as follows in modified form:

Hello,

I am seeking photocopies of tube reference charts or tube
reference roll charts (they're on two spindles inside the
machine that show thru a user's window on the machine with a
thumb dial to move it up or down to a tube on the list) DESIGNED
TO BE USED EXPRESSLY with an Electronic Measurements Corp.'s
product, an E.M.C. Model 206 mutual conductance tube tester.

I will take photocopies of your original charts and am willing to pay a fair price -- they need not be on the spindles, on just plain 8 1/2 by 11 white paper. If you do not wish to make the copies, you can send them and I will photocopy them and return them with a check in payment for their loan, plus two way postage expenses.

I just bought this used, do you know if this machine which is at least 30 years old can do the following tubes if the charts are available for it for the proper machine settings for the respective tubes? (I've noted them above already.)

I am looking for the charts for this machine that cover guitar amplifier tubes.

I am a complete novice at electronics, but wanted a tube tester to check my amp tubes. I don't even know how to use the machine yet, although it has the operating instructions manual with it at least.

Is this company still in business or making the same/similar model?

Thank you and please email me with your pricing or any info as to where I can get these tube charts, literature, parts, etc. related to this tester. It is appreciated.

Lance

338. Re: National HRO 50R receiver information

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: tom Goodfellow <tom_goodfellow@corp.cubic.com>
Message-ID: <4cs8nd$8fa@news.pn.cubic.com>
Source record: 207561

Erwin,
Is there a difference between the HRO-50T and 50R ? I have the
information on the 50T. not really looking for any money except to cover
postage. Let me know what you think 73

.................tom

339. Re: National HRO 50R receiver information

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: tom Goodfellow <tom_goodfellow@corp.cubic.com>
Message-ID: <4cs8pa$8fa@news.pn.cubic.com>
Source record: 207562

Erwin,
Is there a difference between the HRO-50T and 50R ? I have the
information on the 50T. not really looking for any money except to cover
postage. Let me know what you think 73

.................tom

340. Re: National HRO 50R receiver information

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: tom Goodfellow <tom_goodfellow@corp.cubic.com>
Message-ID: <4cs8q1$8fa@news.pn.cubic.com>
Source record: 207563

Erwin,
Is there a difference between the HRO-50T and 50R ? I have the
information on the 50T. not really looking for any money except to cover
postage. Let me know what you think 73

.................tom

341. Re: National HRO 50R receiver information

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: tom Goodfellow <tom_goodfellow@corp.cubic.com>
Message-ID: <4cs8q5$8fa@news.pn.cubic.com>
Source record: 207564

Erwin,
Is there a difference between the HRO-50T and 50R ? I have the
information on the 50T. not really looking for any money except to cover
postage. Let me know what you think 73

.................tom

342. Re: National HRO 50R receiver information

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: tom Goodfellow <tom_goodfellow@corp.cubic.com>
Message-ID: <4cs8q9$8h1@news.pn.cubic.com>
Source record: 207565

Erwin,
Is there a difference between the HRO-50T and 50R ? I have the
information on the 50T. not really looking for any money except to cover
postage. Let me know what you think 73

.................tom

343. Re: Ameritron Amplifiers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: mai@iquest.net
Message-ID: <DKvKnC.1Iu@iquest.net>
Source record: 207566

peterjs@aol.com (PeterJS) wrote:
>On 29 Dec 1995, THOMAS COSTA wrote:
>> I've been thinking of getting a HF amp, and wondered if anyone has
>> any comments on the Ameritron 811 series?
>> Any info would be helpful.
>> Thanks,
>> Tom N9GMW
>
>From: Kory Hamzeh <kory@avatar.com>
>Date: Sat, 6 Jan 1996 16:00:35 -0800
>I, too, would like to hear from people. I'm looking at the 811, 811H or
>the AL-80B.
>
>Thanks,
>Kory
>=======
>Actually, I would like to hear from somebody who recently got a new
>Ameritron as far as HOW LONG it took them to get it. Perhaps, AES was
>cleaned out over the holidays but I called there over New Year's weekend
>to order an 811H and none were in stock then. I'm on the waiting list but
>they couldn't give me ANY time frame - "when more come in, we'll send you
>one" ... Very strange for an Ameritron... it's not like there Alpha's or
>something ... :<)
>
>Peter, KE6VMJ
>
>BTW, the guy at AES says that Ameritron is owned by MFJ now - can anybody
>confirm this?

Ameritron is owned by MFJ - has been for about year & half. MFJ also now owns Mirage.

344. Re: Vote here in Favor of Bill Cheek

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: Ken Harrison <ken@cs.sonoma.edu>
Message-ID: <Pine.SUN.3.90.960108231721.10452C-100000@zippy.sonoma.edu>
Source record: 207567
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.misc

On Mon, 8 Jan 1996, charles copeland wrote:

> VOTE FOR BILL CHEEK:
> --------------------
>
> Charles Copeland

So Charles... For what office is Bill running?

Ken Harrison --- ken@cs.sonoma.edu --- Amateur Radio: N6MHG
~~~~~~
~~~~~~

345. Re: Vote here in Favor of Bill Cheek

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: ncpmont@angelo.amd.com
Message-ID: <4cru87$r8q@amdint.amd.com>
Source record: 207568
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <charles1DKvKzI.B45@netcom.com> charles1@netcom.com (charles copeland) writes:
>It appears a few snivelling jerks have made an issue of attacking
>Bill Cheek on this forum. Namely: Andy Moss, PjB, and Micheal Alexander.
>VOTE FOR BILL CHEEK:
>--------------------
>
>Charles Copeland
>

Well, he's certainly got my vote!
I'm hoping these morons Andy Moss, PjB, and Micheal Alexander
will crawl back under whatever rock they hatched under until
they're through molting or whatever it is that seems to be
giving them such fits.

Hoping the S/N ratio gets back to normal soon, Mark

--
Mark Montgomery - K5 team, we do math right! | Disclaimer : I represent and
Advanced Micro Devices,Personal Comp. Prod. Div.| and speak for me
5900 E.Ben White Blvd., MS521 | (512) 602-7749
Austin, TX 78741 | (mark.montgomery@amd.com)

346. Re: Vote here in Favor of Bill Cheek

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1DKvwtL.J15@netcom.com>
Source record: 207569
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <michael-0801961705170001@alexander.terranet.com>,
Michael Alexander <michael@alexander.terranet.com> wrote:
>If you clowns want to single me out, at least spell my name properly.
>That's Michael, not Micheal.

Your a twit Michelle. Go crawl back under your rock as instructed.

347. RE: Standard Twin-Bander Manual Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: VACOSTA@msn.com
Message-ID: <00001fed+000026cc@msn.com>
Source record: 207570

I CAN MAKE COPY OF THE MANUAL FOR THE 5608DA AND SEND IT TO YOU IF
JUST PAY THE MAIL COST.

348. Yaesu FT102 Plus Extras

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: COLERK@potsdam.EDU
Message-ID: <01HZS0FIFBAEA3GQQZ@potsdam.edu>
Source record: 207571

Greetings....I have just recently been contacted by an elderly lady whos husband has become a Silent Key in the last year. She is trying to clean out his shack and asked for my help....In the shack is an FT102 with the FV102 Digital VFO, FC102 Antenna Tuner, FC102 Speaker, and FC102P Speaker with Patch. I am not sure of the condition of any of this equipment yet but will assume that it all still works...Question! What could she expect to get for the FT102 and accessories? I've looked in some of the magazines I have and can not even find mention of an FT102. Package deal or part out? Any comments would be greatly appreciated. 73....Roger

349. Ten-Tec 6M xverter & TS-430S help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: ken brookner <kenb@metronet.com>
Message-ID: <30F16C45.342EFEF0@metronet.com>
Source record: 207572

has anyone used the Ten-Tec 6 meter transverter kit with the Kenwood TS-430S transceiver? the Ten-Tec wants 20 meter input drive in the range of 0.25 watts up to 10 watts depending upon the value of R5.

the TS-430S can not control its RF output on SSB -- so it's about 100 watts all the time (unless i'm missing something here...). The 430's transverter ouput is listed as .7 volts @ 75 ohms -- which is too low.

ideas? am i missing something obvious?

thanks...

ken brookner, n5lpi
kenb@metronet.com

350. FT-51 reception sensibility

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: oesch <oesch@desun1.epfl.ch>
Message-ID: <4cr43k$gal@info.epfl.ch>
Source record: 207573

I thanks, the 2 or 3 people who answered my article, but unfortunately, they didn't answer my question:

Is there a solution to minimize transmodulation problems on the new Yaesu FT-51 Dual band handneld transceiver?

I have no simple solution(without sending the TX to Yaesu).

If someone could help me, it would be fantastic, because, I have lots of difficulties in making QSO from home, on a roof antenna, even if it has not a big gain. (0 dBd...)

Thanks a lot

Yves Oesch/HB9 VJV

351. Re: Icom 706 hand mic. (More)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: Ray Wilson <n3rkh@voicenet.com>
Message-ID: <4cr09v$kt3@news.voicenet.com>
Source record: 207574

Rick,

I took out the rubber disk, but left the metal one in. No complaints so far.

I thought it necessary to leave in the metal disk because it looks like it is
needed to hold the mic element in place.

73

Ray

rickcrider@aol.com (RICKCRIDER) wrote:
>
> All:
> I just recently posted a query regarding the unusual design of the Icom
> 706 hand mic, the HM 103. Didn't seem to generate much interest.
> Surely amongst all the 706 chatter someone out there has experimented with
> the metal and rubber disc arrangement inside the mic. I've heard three
> versions: (1) Remove the metal disc, (2) Remove the rubber disc, and, (3)
> Remove both discs, for improved mic performance.
>
> Surely Icom didn't throw in these two pieces without reason.......any
> further thoughts or ideas out there? Could this be the source of the
> 'tinny' or poor audio and mic gain that some have mentioned? Thanks.
>
> Cordially:
> Rick Crider
> KD4FXA
> Monroe NC

352. Re: WTB 250 HZ filter for the FT990/AT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: Jimmy Hall <kj5qn@ipa.net>
Message-ID: <4crd87$ae4@dogbert.ipa.net>
Source record: 207575

I am looking for one! email me if u have one??

Jimmy KJ5QN

353. Re: Vote here in Favor of Bill Cheek

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: tvine@teleport.com
Message-ID: <tvine-0801962309490001@ip-pdx18-31.teleport.com>
Source record: 207576
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <charles1DKvKzI.B45@netcom.com>, charles1@netcom.com (charles copeland) wrote:

__VOTE FOR BILL CHEEK:
__--------------------
__
__Charles Copeland

Now I know you're hosin' this guy. Unbelievable....

--
==========
Destroy a mans belief in immortality and not only will his ability to love wither away within him but, along with it, the force that impels him to continue his existence on earth. --Dostoevsky
==========

354. Re: Vote here in Favor of Bill Cheek

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: g_reed@icon.net
Message-ID: <N.010896.175135.61@icon.net>
Source record: 207577
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner

> It appears a few snivelling jerks have made an issue of attacking
> Bill Cheek on this forum. Namely: Andy Moss, PjB, and Micheal Alexander.
>
> Thats it, just three.
>
> So, I propose everyone vote here if you have found Bill Cheeks
> publications of use to you. They appear all across the nation
> in virtually every Ham store in operation.
>
> VOTE FOR BILL CHEEK:
> --------------------
>
> Charles Copeland
>

I don't think that Bill Cheek's contributions are the issue here, though I suspect from what I have seen that they are substantial. I have not been on this forum long enough to know any of the individuals involved in this flame war. If one was a clone of Adolf Hitler and the other Albert Schwitzer (sp?), I would not know it. It is tiring seeing all of the messages addressed to this feud. I don't have a problem using the delete key for messages that are not of interest to me, but I understand that some users of this newsgroup pay by the message. This must be particularly irritating to them.

That's it, no flames or no finger pointing, just a hope for a reduction in broadcast hostilities.

<><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><>
<> Glenn Reed <>
<> OK Wing Communications - C.A.P. <>
<> Sooner 44 <>
<> KF5XB <>
<><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><>
Note: The above remarks do not necessarily
represent those of anything sentient.

355. Web Page with MODs, Calls lookup, Ham links, Swap page, and more!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: David Mclean <dmclean@dfw.net>
Message-ID: <4cpord$gok@fnord.dfw.net>
Source record: 207672
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.packet,rec.radio.amateur.policy,rec.radio.amateur.space

I would like to welcome all of you to my web page. The address of my web page is "http://www.dfw.net/~dmclean". I have many links that you will like. Here is a list of things that I have on my Web page:
1. Swap Page
2. Mods page
3. QRZ call lookup
4. Repeters freqs.
5. Links to F.C.C, A.R.R.L, and many more.
Check it out. You will like it.
--
David Mclean
From The World of Hamradio
KC5NNV is Clear!

---

356. ICOM 2700H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: gottria@aol.com
Message-ID: <4cqg2n$k30@newsbf02.news.aol.com>
Source record: 207673

Was interested this radio but don't know much about it. If you have this
rig please e-mail back with any info.
Does it have the folling: 1) auto repeter offset
2) built in duplexer
3) remote operation from mic
4) remote operation from an HT
5) cross band duplex
Any reply on the ease of operation and audio would be great.
Thanks GOttria@AOL.Com

357. Re: Do DSP's really help?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: Geoff Mann <geoffm@pcug.org.au>
Message-ID: <4cqt7s$jss@supreme.pcug.org.au>
Source record: 207674
Cross-posted to: rec.radio.shortwave,alt.radio.pirate,rec.radio.amateur.equipment

--

Geoff Mann
geoffm@pcug.org.au

John

I have been using a JPS NIR 10 for the last year or so on my ICOM gear
and wouldn't be without it for general ham and SWL listening.

Takes all the 'harshness'out of long listening sessions

Regards from Canberra, Australia
Geoff Mann

358. WTB- BC200, 220, 2500 XLT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: jmaynard@netpath.net
Message-ID: <4crh8g$k6g@dailyplanet.netpath.net>
Source record: 207675

Looking for a resonably priced and in good shape...
Bear Cat 200 XLT
220 XLT
2500 XLT

Please E-Mail me with any interrested comments...

73's
John

359. subsribe

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: korb@xraymkt.picker.COM
Message-ID: <9601081551.AA03289@xraymkt.picker.com>
Source record: 207676

```
subscribe
```

360. Re: What rig did the downed Pilot in Bosnia use?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: Dave Peterson <peterson@fnal.gov>
Message-ID: <4crond$q2r@fnnews.fnal.gov>
Source record: 207677

Just after he was rescued there was an article in one of the news magazines (US News?) or a segment on NPR which mentioned the model of radio. It was some version of the 112 which (amazingly enough) you can see on the Motorola Web Server at:

http://www.mot.com/GSTG/ged/rso/gps-112.html

-- KD9IG

361. WTD: Junker TS-490 or Digital A Board

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: jackg@xetron.com
Message-ID: <DKvA9v.33M@xetron.com>
Source record: 207678

I am looking for a junker Kenwood TS-940 to use for spare parts,
or a Digital A unit board. Please E-mail or call Jack at
513-683-2676 evenings.

Thanks, Jack

362. Re: Q:Mods to Realistic HTX 202 HT?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: bigjon1@ix.netcom.com
Message-ID: <4crivh$elc@ixnews7.ix.netcom.com>
Source record: 207679

In <4cpkur$rv8@spot.yknet.yk.ca> J Scott Wilson
<Jswilson@hypertech.yknet.yk.ca> writes:
>
>A non-modemed friend has the following query:
>
>I am looking for modification information and procedures for expanded
RX
>and TX for the Radio Shack Realistic HTX 202 2 meter HT.Does anyone
have
>or know the location of such information??
>
>I will pass on any replies.
>
>Scott Wilson
>406 Lambert Street
>Whitehorse YT
>Canada Y1A 1Z7
>(403) 668-4518 (h)
>(403) 668-3736 (fax)
>

Rumor has it that there are no mods......

Big Jon/....KC5MOP
Tucson,Az

363. Kenwood TH79A info needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: joe@sd.inri.com
Message-ID: <joe-0801960046520001@dialin4.sd.inri.com>
Source record: 207680

Purchased the TH79A about 3 months ago and I've finally gotten tired of people asking me to repeat myself. I'd swapped the radio with another ham on a recent hiking trip. He heard me fine transmiting with his ht and I kept asking him to repeat himself due to low audio, when he was transmiting with my ht.

My radio has been diagnosed with low deviation. I have access to the proper monitoring equipment and technicians but I don't have access to the maint. manual.

Any assistance re: the correct pot. to adjust would be greatly appreciated.
Thanks
73, Joe, KE6WEO

Joseph D. Carvalho
joe@sd.inri.com

364. Replacement NiCad's Need Info

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: joe@sd.inri.com
Message-ID: <joe-0801960052320001@dialin4.sd.inri.com>
Source record: 207681

I need to replace the 9.6v battery to the Kenwood TH79A/H. The prices range from $89.US in SanDiego to $49.US in NewYork.

Is one vendor any better than the other?

Are the aftermarket packs better/worse then the factory units?

Will the aftermarket units recharge correctly in the Kenwood QuikCharger?

Thanks,
73, Joe, KE6WEO

Joseph D. Carvalho
joe@sd.inri.com

365. Re: Ameritron Amplifiers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: peterjs@aol.com
Message-ID: <4cqgo7$kal@newsbf02.news.aol.com>
Source record: 207682

On 29 Dec 1995, THOMAS COSTA wrote:
> I've been thinking of getting a HF amp, and wondered if anyone has
> any comments on the Ameritron 811 series?
> Any info would be helpful.
> Thanks,
> Tom N9GMW

From: Kory Hamzeh <kory@avatar.com>
Date: Sat, 6 Jan 1996 16:00:35 -0800
I, too, would like to hear from people. I'm looking at the 811, 811H or the AL-80B.

Thanks,
Kory
=======
Actually, I would like to hear from somebody who recently got a new Ameritron as far as HOW LONG it took them to get it. Perhaps, AES was cleaned out over the holidays but I called there over New Year's weekend to order an 811H and none were in stock then. I'm on the waiting list but they couldn't give me ANY time frame - "when more come in, we'll send you one" ... Very strange for an Ameritron... it's not like there Alpha's or something ... :<)

Peter, KE6VMJ

BTW, the guy at AES says that Ameritron is owned by MFJ now - can anybody confirm this?

366. Re: Ameritron Amplifiers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: rsmall01@aol.com
Message-ID: <4cr35c$q1b@newsbf02.news.aol.com>
Source record: 207683

In article <4cqgo7$kal@newsbf02.news.aol.com>, peterjs@aol.com (PeterJS) writes:

>Peter, KE6VMJ
>
>BTW, the guy at AES says that Ameritron is owned by MFJ now - can anybody
>confirm this?

Peter

MFJ and Ameritron have in fact merged. There 1996 catalog combines both product lines. According to HRO in Salem NH, it should be about six weeks for delivery. I am on the list for an AL-80B.

73,
Dick

367. Looking for 2M LNA's with built-in Postselector

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: Mark Monte <mmonte@linkabit.titan.com>
Message-ID: <4cs2ih$6t8@taxis.corp.titan.com>
Source record: 207684

Am looking to buy a 2M LNA for my AO-10/13 operations and am wondering how many LNA's out there can be bought with a built-in postselector. It would really be nice if someone makes one that is optimized for OSCAR operation. Low noise figure is important, but so is postselection filtering (usually a high-Q helical filter) and adjustable gain @ 10-30 dB. Thanks in advance for any info regarding what's available out there. Mark (AB6ZQ) mmonte@linkabit.titan.com

368. Power Requirements for Heath HA-14?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: "G.D.Fender" <eureka@datasync.com>
Message-ID: <4cs3p0$mkl@osh2.datasync.com>
Source record: 207685

Does anyone have the voltage requirements for the Heathkit HA-14 H.F.
Linear Amp? I am particularily interested in the bias supply voltage.
Please reply via e-mail..

73

W6SZX- Gary

369. Re: Vote here in Favor of Bill Cheek

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: michael@alexander.terranet.com
Message-ID: <michael-0801961705170001@alexander.terranet.com>
Source record: 207686
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.misc

If you clowns want to single me out, at least spell my name properly.
That's Michael, not Micheal. I've been working diligently to correct
Copeland's English, but to no avail. He's quite illiterate.And as for you,
you dimwit, what have I said or done that you find objectionable? Cite an
instance or two, instead of nodding your head in blind agreement like one
of those dummy dolls in the back window of a pick up truck

In article <4cru87$r8q@amdint.amd.com>, ncpmont@angelo.amd.com (Mark
Montgomery) wrote:

> In article <charles1DKvKzI.B45@netcom.com> charles1@netcom.com (charles
copeland) writes:
> >It appears a few snivelling jerks have made an issue of attacking
> >Bill Cheek on this forum. Namely: Andy Moss, PjB, and Micheal Alexander.
> >VOTE FOR BILL CHEEK:
> >--------------------
> >
> >Charles Copeland
> >
>
> Well, he's certainly got my vote!
> I'm hoping these morons Andy Moss, PjB, and Micheal Alexander
> will crawl back under whatever rock they hatched under until
> they're through molting or whatever it is that seems to be
> giving them such fits.
>
> Hoping the S/N ratio gets back to normal soon, Mark
>
> --
> Mark Montgomery - K5 team, we do math right! | Disclaimer : I represent and
> Advanced Micro Devices,Personal Comp. Prod. Div.| and speak
for me
> 5900 E.Ben White Blvd., MS521 | (512) 602-7749
> Austin, TX 78741 | (mark.montgomery@amd.com)

--
Michael Alexander
michael@alexander.terranet.com

370. ?? MW-1 Wireless Mike Question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: jmaynard@netpath.net
Message-ID: <4crh8n$k6h@dailyplanet.netpath.net>
Source record: 207687

I have an MW-1 Mike and am experiencing a problem with it this winter.

It seems that when it is cold... sometimes it keys itself and holds it
until I disconnect the mike connecter from the radio.

Has anyone experienced simmilar probs. or any other with this mike. I
do have fresh batteries in it and use it with the FT 5100

ADVAthanksNCE

KE4KSJ

371. Re: Recommend fast charger for AA Nicad Cells

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: Rick Tressler <RT0@GANET.NET>
Message-ID: <4cr8a8$sdg@s2.GANet.NET>
Source record: 207688

Not all Nicad cells are created equal. At least when it comes to fast chAarging, anyway. Expect
reduced service life if fast charging is going to be the norm.

372. Galaxy R-530 needs service

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: tonyp@convex.com
Message-ID: <4crn0f$l3i@convex.convex.com>
Source record: 207689

GE, OMs

This is an ancient receiver - the first of its kind - to
use a frequency synthesizer to derive 60 500Khz bands and
was one heck of a general coverage receiver. The front end
is still pretty hot.

Well, age has finally caught up with it, and the fqy syn.
has lost sync. I've gone in with a scope and managed to get
it limping again, but without an alignment procedure available
it is almost impossible to bring it up to par. Part of the
problem is not knowing what the spectrum oscillator's output should
look like.

Is there a doctor in the house? - someone who worked for Galaxy?

73,
WA2EAA - tony

--
The Coyote's | I'm the voice of all the Wildest West, the Patti of the Plains;
Song | I'm a wild Wagnerian opera of diabolic strains;
Ernest Thompson| I'm a roaring, ranting orchestra with lunatics becrammed;
Seton, 1913 | I'm a vocalized tornado - I'm the shrieking of the damned!

373. Re: 2 meter Helical Filter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: Mark Monte <mmonte@linkabit.titan.com>
Message-ID: <4cs6se$87h@taxis.corp.titan.com>
Source record: 207690

Bill --- I'm interested. How many sections and how narrow is the bandwidth? I would like to buy this unit from you if you think that I could custom tune it for the OSCAR satellite freqs (about 145.810 MHz). Send me e-mail at mmonte@linkabit.titan.com or call at 619-552-9944 at my office (voice mail available). Tnx for posting this filter.

Mark (AB6ZQ)

374. Re: IC706 and TNC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: John Wilcox/NS1Z <ns1z@agate.net>
Message-ID: <4cs1rm$3el@service-2.agate.net>
Source record: 207691

I hooked up the cable from my PacComm tnc to a RJ-48 connector and plugged it into the second mic connector on the back. It makes for a clean installation if you have the crimping tool for the RJ-48. I work for a telecommunications company so, of course, I did have the correct crimper. I haven't hooked up the multi connector that came with the radio yet as I am trying to come up with a means to duplicate their split connector configuration, as pictured in the manual on page 6. I think one could be made from the local Rat shack at an obvious savings...73

--
John Wilcox / NS1Z
INTERNET :204.117.6.48
ns1z@agate.net
Work :5018901@mcimail.com
TCP/IP :44.118.6.4
ns1z@ns1z.ampr.org
AX-25 :ns1z@kb1bsc.fn44rn.me.usa.noam

375. Vote here in Favor of Bill Cheek

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1DKvKzI.B45@netcom.com>
Source record: 207692
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.misc

It appears a few snivelling jerks have made an issue of attacking
Bill Cheek on this forum. Namely: Andy Moss, PjB, and Micheal Alexander.

Thats it, just three.

So, I propose everyone vote here if you have found Bill Cheeks
publications of use to you. They appear all across the nation
in virtually every Ham store in operation.

VOTE FOR BILL CHEEK:

Charles Copeland

376. help for buying radio equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: mcimato@snefru.comm2000.it
Message-ID: <4cr5bq$4fj@server-b.cs.interbusiness.it>
Source record: 207693

Hi,
Id'like to know if any of you got some infos about these equips:

Yaesu FT767
FT980

KENWOOD TS440
TS690/450

ICOM IC738

I'd appreciate any info regarding functionality, price, and comparisons
(if any available).

many Thanx in advance
73-51

377. Re: Icom 706 hand mic. (More)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: mwalker@interlog.com
Message-ID: <4cr3se$m3e@steel.interlog.com>
Source record: 207694

In <4cr09v$kt3@news.voicenet.com>, Ray Wilson <n3rkh@voicenet.com> writes:
>Rick,
>
>I took out the rubber disk, but left the metal one in. No complaints so far.
>
>I thought it necessary to leave in the metal disk because it looks like it is
>needed to hold the mic element in place.
>
>
>73
>
>Ray
>
>
>rickcrider@aol.com (RICKCRIDER) wrote:
>>
>> All:
>> I just recently posted a query regarding the unusual design of the Icom
>> 706 hand mic, the HM 103. Didn't seem to generate much interest.
>> Surely amongst all the 706 chatter someone out there has experimented with
>> the metal and rubber disc arrangement inside the mic. I've heard three
>> versions: (1) Remove the metal disc, (2) Remove the rubber disc, and, (3)
>> Remove both discs, for improved mic performance.
>>
>> Surely Icom didn't throw in these two pieces without reason.......any
>> further thoughts or ideas out there? Could this be the source of the
>> 'tinny' or poor audio and mic gain that some have mentioned? Thanks.
>>

Being a dealer, I have found several mics that were great and a couple that
were poor. The worst being the one I own. I replaced the cartridge with a
Heil HC-4, and now it sounds like my TS-50. Just Great Audio.

Not all '706's have an audio problem.

cheers...mike

mwalker@interlog.com

378. Re: Alinco DR 150T frequency mod

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: Paul Moller <Paul_Moller@csg.mot.com>
Message-ID: <30F148CA.5C1D@csg.mot.com>
Source record: 207695

Richard May wrote:
>
> I would like the modification to extend transmission frequency range on Alinco model 150T mobile transciever

check www.oak.oakland.edu look in pub3/hamradio/mods

379. Yaesu AM Filter Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: braymer@sunbelt.NET
Message-ID: <01HZRGZS2NLO8WW4CM@SUNBELT.NET>
Source record: 207696

```
WTB AM Filter that will work on a Yaesu FT-301SD HF Radio
email too Bobby Raymer AD4HL braymer@sunbelt.net

--
```

380. DX-70 has 2m ! ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: Paul Moller <Paul_Moller@csg.mot.com>
Message-ID: <30F132E0.C60@csg.mot.com>
Source record: 207697

Hello all,

I was using my magnifying lens the other day to read the schematic that came with a recently bought Alinco DX-70. I ran across a few interesting things. For instance, a receiver front end filter location identified as 144 RX. Also, in the vco area, there is a vco with a labeled output of 155-175 Mhz. This vco could be used as 84-104 RX by using the available 71Mhz IF. But, I could swear that I saw somewhere a 10.7 Mhz IF, which would then make for 144-164 RX using high side injection.

Since I have a hard time reading the small print of the schematic I am hoping that someone else will take a look and see if just maybe there is 2m RX in the DX-70 waiting to be unleashed.

Paul_Moller@csg.mot.com

381. ATTENTION:RE REPLY TO MAB

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: "Lloyd A. Scott, Jr." <wpul1130@cris.com>
Message-ID: <4cqbdv$bee@spectator.cris.com>
Source record: 207698

I received reply from unknown person reference the MAB tech manual. I use Eudora mail and the trash can is next to the delete and somehow the copy got deleated before I read it. Please reply as to had the MAB manual
Thanks
L A Scott, Jr.
wpul1130@cris.com

382. WTB: Manual for Sierra 850A-1. Also WTB: Heath W6 audio amp.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: as347@FreeNet.Carleton.CA
Message-ID: <DKuAJ7.I19@freenet.carleton.ca>
Source record: 207699

The first item is a manual for a piece of communications test gear called a 'Level Tracer' made by Sierra. Looking for a Service and/or user manual, original or photocopy.

The second item is a mono tube audio amplifier a with two large,black,rounded-corner transformers, and a gold-painted base (with a single meter), made by Heathkit. Model W6 or a variation such as W6A, W6M or W6AM. Looking for one amp in any condition (please describe condition).

Email as347@freenet.carleton.ca if you can help supply either of the above. Thanks, Brian.

--
---
as347@freenet.carleton.ca Common sense isn't.
---

383. Ameritron AL-82 Equipment Review ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: wstrahl@nwscb.nw.att.com
Message-ID: <4crrjs$hjp@ssbunews.ih.att.com>
Source record: 207700

Does anyone have a handy reference to where the AL-82 amplifier (pair of 3-500Z's) was reviewed (what magazine, what issue) ? I'm kinda interested in this thing but would like to 'have a look at the insides'.

Thanks!

Wayne - W9II wstrahl@nwsca.nw.att.com

384. A new TRANSVERTER kit, 2m to 6m by Ten-Tec

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: ham@w3eax.umd.edu
Message-ID: <4cs2kk$ne6@cville-srv.wam.umd.edu>
Source record: 207701

I called them up (I have no vested interest other than I like the products) the other day about a few existing T-Kits.

They're coming out with a 2m - to - 6m transverter, to be sold in kit form, called the Model 1209. Like the 1208, it will be about $95, and will look very similar except that switching will have to be done externally.

A cheap way to get on 6m FM with your 2m rig!

I'm still pushing them about the 20m - 2m transverter for us QRPers with 20m QRP rigs, as matching units for the 6m transverters...

--
Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 40-10/6/2/440
** Yes, you CAN do VHF contests with 25W and omni antennas **
Still stuck at 138 countries confirmed on HF w/dipoles...
72 & 73 from suburban DC 301-549-1022 (h) 301-982-1015 (w)

385. Re: DX-70 has 2m ! ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: Jeff Hutchinson <w4pbc@digital.net>
Message-ID: <30F1CCEF.541F@digital.net>
Source record: 207702

.
>
>Hi Paul:

I bought a DX-70 in November, and at the time was promised a service manual. Today I received a call from a guy at Alinco, saying that the service manual is now ready, but it will cost me $23.95. He said the manual has about 74 pages, is very complete, etc. Probably, it would be the thing to buy if you are serious about adding new bands, etc.
Did you get the instructions for the MARS modification? Or the extended receive mods? If not, I can fax them to you...gimme a number.

Vy 73, Jeff w4pbcdigital.net (407)454-7308 Phone or Fax

386. Re: DX-70 has 2m ! ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: Jeff Hutchinson <w4pbc@digital.net>
Message-ID: <30F1CF36.4896@digital.net>
Source record: 207703

Paul: A guy named Phil Compton called me today from Alinco to say that a new Service Manual is now available for the DX-70, It has 74 pages, and costs $24.95. Maybe the illustrations would be large enought in it to tell if the DX-70 has a hidden 2m band waiting to be opened up.

Do you have the DX-70 MARS mod details, or the "extended receive" mods? If not, I can fax them to you. Gimme a number... 73, Jeff w4pbc@digital.net 407-454-7308 Fax or Phone.

387. Re: Icom 706 hand mic. (More)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-08 00:00:00 UTC
From: Jim Nance <jnance@mail.one.net>
Message-ID: <30F0C18F.1FFF@mail.one.net>
Source record: 207704

RICKCRIDER wrote:
>
> All:
> I just recently posted a query regarding the unusual design of the Icom
> 706 hand mic, the HM 103. Didn't seem to generate much interest.
> Surely amongst all the 706 chatter someone out there has experimented with
> the metal and rubber disc arrangement inside the mic. I've heard three
> versions: (1) Remove the metal disc, (2) Remove the rubber disc, and, (3)
> Remove both discs, for improved mic performance.
>
> Surely Icom didn't throw in these two pieces without reason.......any
> further thoughts or ideas out there? Could this be the source of the
> 'tinny' or poor audio and mic gain that some have mentioned? Thanks.
>
> Cordially:
> Rick Crider
> KD4FXA
> Monroe NC

Rick it didn't generate any interest with me because I have my mike gain set to mid scale (5) and it generates plenty of ALC. My audio reports have been fine. It looks good in the scope and develops full output power.

73 DE KE4WY (JIM)

388. Address needed for Kenwood parts..

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: dougrand@i-2000.com
Message-ID: <4cuv42$bps@i-2000.com>
Source record: 207505

I need a mike element for a Kenwood MC50. Does anyone know a phone number, fax number or address to write?

Thanks, Doug KN2Y

389. Atlas 350-XL needs repair

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: "Howard S. Moscovitz" <mosc@fast.net>
Message-ID: <30F2AE2B.37A4@fast.net>
Source record: 207506

I have an Atlas 350XL from the 1970's. The receiver still works, but unfortunately, it can no longer transmit. Does anyone know who might be able to repair this rig?

While this is by far not a state-of-the-art rig, it would be nice to get the old bird singing again, if it didn't cost too much.

Thanks,
Howard Moscovitz
mosc@fast.net
KB3ZX

390. Where's Doug Hall/WB4LJK?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: mai@iquest.net
Message-ID: <DKxAp7.56M@iquest.net>
Source record: 207507

Trying to locate Douglas L. Hall Sr., General class ham, about 53 years old, last known to be in SANFORD,N.C.
Had a PO box and a telephone #(919)776-6574, but not been able to find since he 'moved on'. If you know Doug and/or can help me locate, please email info or your phone number - I'll call you for details!

Thanks for any help.

Patrick/WB9IQI

391. Re: FT-51 reception sensibility

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: wagnerj@watt.oedison.com
Message-ID: <4culss$13pc@watt.oedison.com>
Source record: 207508

On 8 Jan 1996 12:53:08 GMT oesch <oesch@desun1.epfl.ch> wrote:

>I thanks, the 2 or 3 people who answered my article, but unfortunately,
>they didn't answer my question:

>Is there a solution to minimize transmodulation problems on the new
>Yaesu FT-51 Dual band handneld transceiver?

>I have no simple solution(without sending the TX to Yaesu).

>If someone could help me, it would be fantastic, because, I have lots of
>difficulties in making QSO from home, on a roof antenna, even if it has
>not a big gain. (0 dBd...)

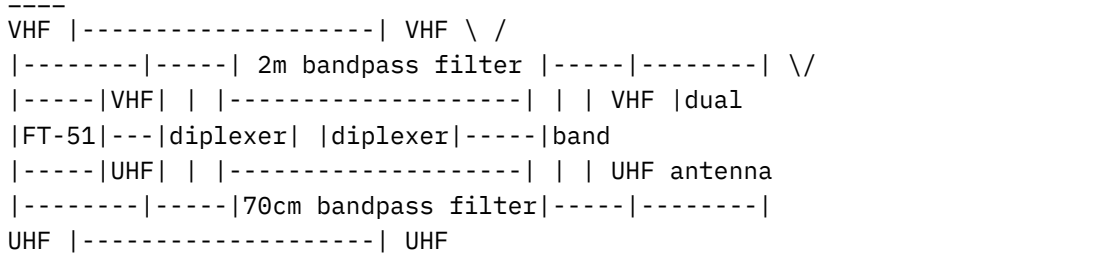
>Thanks a lot

>Yves Oesch/HB9 VJV

With the radio by itself, you're probably out of luck.

Every HT I've ever owned had at least some problem with intermod when connected to real antennas (instead of the rubber-duck). Mobile antennas seem OK in most instances, but home rooftop antennas are a problem. My FT-51 has that barn-door-wide front end so you can receive all the public service stuff, but you pay for it when it comes to intermod.

A good bandpass filter in front of the HT that only passes 144-148 and 440-450 will help, if not solve your problem. I've seen such filters from Tucker and others that cover either 2 meters or 70cm, but not both. If you use and have problems with both bands, you could either manually switch in the proper filter or use 2 diplexers to do the job....



If you have separate 2m and 70cm antenna, you can leave out the diplexer on the right side, and just connect directly to the two antenna.

I've used this arrangement to use separate 2m and 70cm amps with my HT, and then combine them into one dual band antenna, and it works great!

You can make 2 meter bandpass cavities from coffee cans that work pretty well, although you'll lose a dB or two through them. You can probably do better with good copper tubing or helical resonators.

John Wagner wagnerj@watt.oedison.com

For Encrypted Mail: PGP Public Key Available upon Request

392. Icom 706 MARS Mod ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: "Bruce J. Howes" <bhowes@buffnet.net>
Message-ID: <30F35839.5E13@buffnet.net>
Source record: 207509

Someone, I think it was Gary Coffman, posted the Icom 706 MARS Mod, it involved removing diode D59 if I recall correctly. I opened up my 706 lat night and could not find that diode for the life of me. Anyone done this mod, or anyone who can point out where D59 is located? A sketch would be nice, as there are many unlabeled, and expensive SMDs in the radio. I don't want to guess. Tnxs! 73 de Bruce KB2VKJ
--

73,
Bruce KB2VKJ

==========
Bruce J. Howes KB2VKJ Compuserve: 75340,3165
East Amherst, NY USA Internet: kb2vkj@amsat.org
Grid FN03pa Packet: KB2VKJ@N2QNG.#WNY.NY.USA.NOAM
AMSAT #30466 ARRL FAX: (716)689-2880
==========

393. SUBSCRIBE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: korb@xraymkt.picker.COM
Message-ID: <9601101602.AA02835@xraymkt.picker.com>
Source record: 207510

Please send info on how to subscribe.

Lloyd Korb KORB@XRAYMKT.PICKER.COM

394. Re: TH-79A mod ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: dab2@Ra.MsState.Edu
Message-ID: <4csuv2$i5u@NNTP.MsState.Edu>
Source record: 207511

William Lagerberg (william@euronet.nl) wrote:
: Yes there is a yellow wire in the inside you have to cut it.

: There is also a possibillity for diode's removal but that is trikky they
: are this --> . <-- bick regards William

Hello William,

Have you tried the above mod involving cutting a wire. Do you know if
this information is on the net somewhere. So far all that I have found
is the diode mod.

Thanks for your time. Have a great day.

73 de KC5AAW

David A. Boackle dab2@ra.MsState.edu Mississippi State University

395. HELP! KW TM-742a

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: Robert H&#65533;yvald <72242.477@CompuServe.COM>
Message-ID: <4cukovqsp1@mhafc.production.compuserve.com>
Source record: 207512

Can anyone tell me why will this radio TX 45mhz but It will not RX
above 32mhz, and while the other bands work perfectly fine?
I've done the mod. (triple checked it) and the reset of the
microprocessor, but it still does the samething.

396. Re: YELLOW CAB CO IS LOOKING RADIO PARTS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: peterg4@ibm.net
Message-ID: <4cuvb5$58ja@news-s01.ny.us.ibm.net>
Source record: 207513

In <4ci30p$1laa@usenetw1.news.prodigy.com>, VNVU83D@prodigy.com (Jama Mohamod) writes:
>Yellow cab cooperation is looking for the way to prevent open micerophone
>for our drivers with
>different kind of radios so dispatchers know which cab # is opening the
>microphone so far we know some kind of chip that you install each driver
>radio (identifier and dispatcher board room)

On some radios you can set a Time Out Timer so that the driver can only
transmit for, say, 30 seconds before releasing the button. Other radios require
more extensive electronics modification.

397. Re: Repairs - HF gear

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: Jeffrey Pawlan <jpawlan@pawlan.com>
Message-ID: <4cu0se$98s@news.scruz.net>
Source record: 207514
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

There is no time better than the present to learn how to
repair your own equipment. You do have an amatuer license?

398. Hallicrafters equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: langietr@dsd.northrop.com
Message-ID: <4cuvpm$9kg@esdmaster.dsd.northrop.com>
Source record: 207515

Can anyone provide information on how I can obtain any Hallicrafter's radio or communications equipment.

399. Re: IC-706 Speech Compressor

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: Ray Wilson <n3rkh@voicenet.com>
Message-ID: <4cuvco$kkp@news.voicenet.com>
Source record: 207516

Ed,

I don't know about the RIGHT way, but I set mine using a very picky friend on the other end. (About 2 miles away...) When he said I souded good, I put the radio back in my car and forgot about it! The ALC read good on the meter. I suppose I should have set the pot using someone distant, but that was not possible at the time.

Good luck.

73

Ray

Harrington.Ed@mail.ndhm.gtegsc.com (Ed Harrington) wrote:
>
> I have a question concerning the proper setting of the IC-706 Speech
> Compressor. What is the best way to set the screw adjustment on the side
> of the rig properly??
> Thanks and 73s,
> Ed--AA1IN

400. Wanted TA33JR Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: acopac@hope.netwizards.net
Message-ID: <4cuojt$paa@news.wco.com>
Source record: 207517

I would like the documentation for the Mosley TA33JR
Thanks WB6CKT

401. TM-742A Sudden Total Radio Failure

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: Alan Raskind <alan.raskind@trw.com>
Message-ID: <30F2D855.3C8D@trw.com>
Source record: 207518

Has anyone ever had their TM-742A suddenly fail on them, that is trying to turn it on and it does't come on at all. Pushing the power button repeatedly does no good. Dead. The interface cable between the display "head" is also ok.

All fuses and power lines are ok. No surges took place. This happened in the car with the engine turned OFF. Any suggestions as to what might have happened.

Would appreciate any help. Thanks in advance,

Alan WA6AQC

402. How is IC-706?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: "Scott A. Blystone" <kc2iq@frontiernet.net>
Message-ID: <30F28FF9.629C@frontiernet.net>
Source record: 207519

I've seen a few isolated postings on the new Icon IC-706, but mostly they have been "how do I do this or that?" I'm thinking of purchasing one of these, as the specs look very nice. I am interested in any observations owners of this radio might have. How well does it work on 6 and 2 meters, for instance. Any information is appreciated.

--
Scott A. Blystone, KC2IQ
Senior Communications Engineer
Electronic Data Systems, Inc.
Rochester, New York

403. WTB: Tekk KS-900 or 960

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: jkaplan@seikotsi.com
Message-ID: <4cu7hn$em9@news1.seikotsi.com>
Source record: 207520
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap,rec.radio.amateur.packet

Greetings..
I'm looking to buy one or two Tekk Mini or Micro rigs. Please state
frequency, model, condition, price and terms in your reply. Prefer
factory frequency 441.050 or rigs tuned & crystalled low.

Tnx de James KG7FU

jkaplan@seikotsi.com
kg7fu@aol.com
kg7fu@kb7ogd.or.usa.noam

404. DSP IF freq of the TS-870?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: tom_boza@ccm.ch.intel.com
Message-ID: <4cup44$o5a@chnews.ch.intel.com>
Source record: 207521

What is the operating DSP IF frequency of the Kenwood TS-870?

WB7ASR...

405. Re: Q:Mods to Realistic HTX 202 HT?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: trandall@mhv.net
Message-ID: <4ctoe7$rov@over.mhv.net>
Source record: 207522

In article <4crivh$elc@ixnews7.ix.netcom.com>,
bigjon1@ix.netcom.com(Jon Shay) wrote:
>In <4cpkur$rv8@spot.yknet.yk.ca> J Scott Wilson
><Jswilson@hypertech.yknet.yk.ca> writes:
>>
>>A non-modemed friend has the following query:
>>
>>I am looking for modification information and procedures for expanded
>RX
>>and TX for the Radio Shack Realistic HTX 202 2 meter HT.Does anyone
>have
>>or know the location of such information??
>>
>>I will pass on any replies.
>>
>>Scott Wilson
>>406 Lambert Street
>>Whitehorse YT
>>Canada Y1A 1Z7
>>(403) 668-4518 (h)
>>(403) 668-3736 (fax)
>>
>
>Rumor has it that there are no mods......
>
>Big Jon/....KC5MOP
>Tucson,Az

The rumor is correct from what I understand, NO MODS. It's best that
way. The rig is intermod free too.

Tom Randall Amateur Radio - KB2SMS
trandall@mhv.net Mt. Beacon Amateur Radio Club / ARRL
Member: AAVSO Solar Division

Opinions herein are mine and they are not that of MHV.NET!

406. Re: TH-79A mod ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: "A.J.R. Toonstra" <ardon@euronet.nl>
Message-ID: <4ctb4f$sbp@news.euro.net>
Source record: 207523

william@euronet.nl (William Lagerberg) wrote:
>Yes there is a yellow wire in the inside you have to cut it.
>
>There is also a possibillity for diode's removal but that is trikky they
>are this --> . <-- bick regards William
>
>
>
>In article <4ck9rl$lto@due.unit.no>, "Knut J. Vatnestroem"
><knutjv@idt.unit.no> wrote:
>
>> Hello!
>>
>> I recently purchased a Kenwood TH-79A handheld transceiver from USA.
>> My problem is that the frequency band on 70cm does not cover frequencies
>> below 438MHz, as this is the american model and not the european one.
>> Is it posible to modify it, so that it will cover frequencies from 430MHz
>> and upwards ??
>>
>> Thanks in advance,
>>
>> --
>> Knut Vatnestroem _/ email: knutjv@stud.unit.no
>> Stud.Post 206 _/ URL : http://www.stud.unit.no/~knutjv
>> N-7034 TRONDHEIM _/ C.S: LA5PJA\LA1K
>> Phone: +47 73 51 30 27 _/
>>
>> Livet er bare en periode man skal overleve ...
>> A.And

The wire is inside near the CTCSS connector. To enter a lower or hihger
frequencie press <function and low>

Good luck

Ardon.

407. Re: Vote here in Favor of Bill Cheek

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: Ray Wilson <n3rkh@voicenet.com>
Message-ID: <4cuveh$kkp@news.voicenet.com>
Source record: 207524
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.misc

```
charles1@netcom.com (charles copeland) wrote:
>
> It appears a few snivelling jerks have made an issue of attacking
> Bill Cheek on this forum. Namely: Andy Moss, PjB, and Micheal Alexander.
>
> Thats it, just three.
>
> So, I propose everyone vote here if you have found Bill Cheeks
> publications of use to you. They appear all across the nation
> in virtually every Ham store in operation.
>
> VOTE FOR BILL CHEEK:
> --------------------
>
> Charles Copeland

Ray Wilson
```

408. Re: Using HP8690 with HP8410 Network Analyzer ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: jeffa@ix.netcom.com
Message-ID: <4ctr2a$m06@ixnews8.ix.netcom.com>
Source record: 207525
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment

Two other sources of manuals which I've used in the past are:

Ed Matsuda (San Diego) 619-479-0225

Manuals Plus (Spanaway, WA - but they're in the process of moving
to Utah) 206-531-8031 (this should forward to the
Utah office).

Interestingly, I just received an 8410A/8411A manual from Ed yesterday.
Send me the original question, and I'll check up on it.

- Jeff, WA6AHL

409. Grid 1530 sale or trade

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: mudcat@netuser.com
Message-ID: <mudcat-0901962101540001@bothe.netuser.com>
Source record: 207526

For sale or trade.

Gridcase 1530 laptop computer
386
2 MEG memory
40 MEG hard drive
MS-DOS 5.00
Windoze 3.1
MS Mouse
Carrying case

This is an excellent choice for a portable packet station, it's practically indestructible.

Trade for a Motorola VHF Saber.

--
MudCat

410. Re: FT1000MP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: wa8msf@aol.com
Message-ID: <4cts3p$rjc@newsbf02.news.aol.com>
Source record: 207527

Hi Bob!

I've had an FT-100MP for several months. After I had used it for just a few weeks, I noticed that I wasn't using my FT-1000D anymore. The 'MP has better sounding audio on receive, if you can beleive that. I recently bought and installed every accessory filter available, so that brings the 'MP up to the filter compliment of the '1000D. I just sold the FT-1000D as well as an FT-990 that I had "plug-unplug" modified for using as an IF for VHF/UHF transverters. The 'MP has replaced both of them.

One thing I wish was different is the RF power control works fine on CW and normal SSB but defaults to full power with the voice processor turned on. Many folks have complained about overdriving their 8877 or 2x3CX800 amplifiers with the processor on. My amp has enough "dynamic headroom" so that I don't cause gross IMD if I overdrive it, but that would be naughty into an antenna, wouldn't it?

Simply put, I love my FT-1000MP.

Mike
WA8MSF@aol.com

411. RADIO SHOW/SWAP MEET IN THE N.Y. DOWNSTATE AREA??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: tac63@aol.com
Message-ID: <4ctjg0$p6s@newsbf02.news.aol.com>
Source record: 207528

Can anyone please advise me if there is a radio show/swap meet in the N.Y. area, preferably in the downstate area. Looking for Used Motorola Equipment. Thanx in advance.

Ron
TAC63@AOL.COM
TAC63@AOL.COM

412. Re: Dead ICOM 745 - R70 same?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: dhughes@efn.org
Message-ID: <30f2ab17.12274115@news.efn.org>
Source record: 207529

Only a minor setback, Bob. If you can get it for a good price, grab it!

The IC-745, IC-271, R-71 and perhaps others, use a 3-volt lithium cell to retain the RAM memory. If you let the battery die, you lose the memory. The batteries last around 10 years. I know I am pushing my luck at 11 years with my IC-745. I bought the battery, but have been too lazy to open up the radio. It is a bit of a hassle as you have to maintain power to the memory board from an external source while you remove and replace the battery. I have already done it once on the IC-271 I used to have. Better get to it I suppose. In your case, of course, it is already too late.

Icom can reprogram the memory board for you, but it may be a tad pricey. There is a company called WILLCO Electronics at P.O. Box 788, New Lenox, IL, 60451 that will do it for $30. My info is a little dated so you would have to check with him (WA9FVP) to get the latest price. He also makes a replacement memory board for $125 that gives you 512 memory channels and uses a ROM to permanently store the microprocessor data.

I use my IC-745 in our motorhome. It is a fine little rig. It doesn't have all the bells and whistles of newer rigs, but it is probably one of the smallest available with a built-in (optional) A/C power supply. It also has 200 watts input. Most rigs today are around 150 watts. With the A/C supply, internal keyer and the proper filters it is a perfect, self-contained rig for portable use.

Dick Hughes - W7LVA

n1ddzrjc@aol.com (N1DDZ RJC) wrote:

>I hear that the old Icom 745's lose their mind when the battery fails and
>have to be reprogrammed at the factory -- true?
>
>I'm being offered a 745 that's "dead" (or is it just sleeping?)
>
>How about the R-70? Same deal?
>Bob Crowley, Staff Inventor
>AMBIT Corporation,
>Wayland MA

413. WTB: Midland UHF LMR Stuff !!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: subbustr@whidbey.net
Message-ID: <4csu4k$soi@whidbey.whidbey.com>
Source record: 207530

```
1.16.ch UHF HT w/DTMF/PL,batt+ant (Model 70-254)
2.Mics,+ holsters x 2 (Model 70-155B)

Have 30 "scrap" Model 70-155B units w/rx+tx boards,
cases,knobs that I cud trade fer mics + holsters.

thanks subbustr@whidbey.net VE7-LFA/W7
```

414. Re: JPS ANC-4

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: sskram01@pop.uky.edu
Message-ID: <sskram01-0901961636590001@128.163.73.22>
Source record: 207531

In article <4cu9e1$rdl@chnews.ch.intel.com>, tom_boza@ccm.ch.intel.com wrote:

> Does anyone here on the newgroup have experence with the JPS ANC-4
> Antenna Noise Canceller unit? I have a AC power line noise problem
> on 40 meters and thinking of purchasing one. However before doing
> so, Im looking for pros & cons with the unit.
>
> Thanks, 73 WB7ASR...
>
> tom_boza@ccm.ch.intel.com

I bought one a few months ago for the same problem. In my case, S-9 line noise. My Timewave DSP wouldn't touch it as it desensitizes the receiver. The ANC-4 wipes the noise out so I can hear the atmospheric noise and weak signals underneath. The unit MUST be able to hear the same noise as your receiver to be able to cancel it out. You may have to fiddle with the small noise antenna to get it right. Mine works so well that I look forward to those cold, dry days that bring on the noise. I'm very happy with it.

Steve, WA2UMY

--
sskram01@pop.uky.edu

415. Re: TH-79A mod ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: william@euronet.nl
Message-ID: <william-0901960054300001@p425.asd.euronet.nl>
Source record: 207578

Yes there is a yellow wire in the inside you have to cut it.

There is also a possibillity for diode's removal but that is trikky they
are this --> . <-- bick regards William

In article <4ck9rl$lto@due.unit.no>, "Knut J. Vatnestroem"
<knutjv@idt.unit.no> wrote:

> Hello!
>
> I recently purchased a Kenwood TH-79A handheld transceiver from USA.
> My problem is that the frequency band on 70cm does not cover frequencies
> below 438MHz, as this is the american model and not the european one.
> Is it posible to modify it, so that it will cover frequencies from 430MHz
> and upwards ??
>
> Thanks in advance,
>
> --
> Knut Vatnestroem _/ email: knutjv@stud.unit.no
> Stud.Post 206 _/ URL : http://www.stud.unit.no/~knutjv
> N-7034 TRONDHEIM _/ C.S: LA5PJA\LA1K
> Phone: +47 73 51 30 27 _/
>
> Livet er bare en periode man skal overleve ...
> A.And

416. Re: Using HP8690 with HP8410 Network Analyzer ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: Steve Sawyers n0yvy <sawyers@inav.net>
Message-ID: <4ct03i$482@composer.inav.net>
Source record: 207579
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment

A cheaper alternative to paper copies is to get the micro
fiche. It is about 20% of paper and I got a nice fiche
reader at teh the local ham fest for $15.

Now I just order the fiche and forget the paper.Takes up
less shelf space too.

de steve n0yvy

417. FT1000MP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: "Robert L. Carroll" <rlc@soho.ios.com>
Message-ID: <4csl2c$o3h@news.ios.com>
Source record: 207580

Can anyone give me impressions of the FT1000MP transceiver?
Bob AA2UV

418. HF Rig Selection for NEW ham IC-706,TS-50....?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: "BICC Info. Center" <W234@ohsu.edu>
Message-ID: <4csfo0$lp3@fremont.ohsu.edu>
Source record: 207581

I'm looking to upgrade from tech plus to general in the next few months and I have read the current news group info. I am wondering is the ICOM-706 the wonder radio of the decade or not. I've heard alot of good things about the kenwood TS-50 but it lacks 6m,2m coverage. If you were going to buy one radio for primarily HF work would you choose the 706 or do you think I'd be better off with a full sized HF rig like the Icom 728,738...ect.

I'd prefer an Email reply if possible at ashleyb@ohsu.edu

Thanks

Brad WB7TSO

419. Re: Q:Mods to Realistic HTX 202 HT?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: <>
Message-ID: <4csf2q$mod@darwin.i3s.net>
Source record: 207582

```
I>>A non-modemed friend has the following query:
>>
>>I am looking for modification information and procedures for expanded
>RX
>>and TX for the Radio Shack Realistic HTX 202 2 meter HT.Does anyone
>have
>>or know the location of such information??
>>
>>I will pass on any replies.
>>
>>Scott Wilson
>>406 Lambert Street
>>Whitehorse YT
>>Canada Y1A 1Z7
>>(403) 668-4518 (h)
>>(403) 668-3736 (fax)
>>
>
```

You are right..THERE ARE NO MODS FOR THE HTX-202..A friend of mine helped beta test the thing before it came out and he knows the main designer..

420. Lost my Mail....Rick Crider

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: rickcrider@aol.com
Message-ID: <4ctg8a$nlb@newsbf02.news.aol.com>
Source record: 207583

All:
Foolishly tampering with my computer recently I have forever lost a batch (maybe two) of email. If anyone has emailed me directly (not through the group, I'm still accessing the group) since Saturday, January 6, please write again. Apologies to anyone who has written since then that hasn't heard back from me. Thanks.
Cordially:
Rick Crider
KD4FXA
Monroe NC

421. Re: Yaesu 8500 features please

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: medic33@ix.netcom.com
Message-ID: <4cthvj$67g@ixnews5.ix.netcom.com>
Source record: 207584

Hello,

On the joystick mic on the other side (not shown) there is a lightup
keypad. I am considering the 8500 also the Alinco DR-610.. Exept the
610 does not light up.

>I have read all the yaesu ads in the magazines and catalogs about the
>8500 and it looks really nice, but the documentation lacks a few
things:
>
>1) does the "joystick type" microphone include a touch tone pad or is
that
>only available on the other mic?

73's

--

□
Internet Address: medic33@ix.netcom.com
□
Ham Radio: kd6wkp@nr6p.#socal.ca.usa.na
Arizona: kd6wkp@kc7y.az.usa.na
□
Take Care & Have A Nice Day!
Joe Racco
□

422. SGC-230 Ground????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: rickcrider@aol.com
Message-ID: <4ct3rb$iji@newsbf02.news.aol.com>
Source record: 207585

All:
OK.....OK.....First the admission of guilt: The antenna tuner is grounded to a cast iron natural gas pipe. Plain and simple. The tuner is mounted in the attic in a large two story house. It is the *only* existing contact with ground in the attic. (other than the ac third wire neutral) The only other possibility is running copper grounding wire across the attic , out of the boxing, winding it down around the various contours of the house to a driven ground rod. The ground wire would be about as long as the antenna itself.

Now, the problem: The rf signals are getting into the ac lines of the house. The unit tunes well, tx's and rx's well. Very well. (Fed from an ICOM 706 rig. The signals come through some domestic household receivers (AM/FM Cassette, tv, vcr, etc., *even* when they are turned *off*.)

I need help. Thanks.
Rick Crider
KD4FXA

423. Re: Vote here in Favor of Bill Cheek

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: Mark Bryant <mab@zim.bms.com>
Message-ID: <4cts88$pnf@synapse.bms.com>
Source record: 207586
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.misc

```
>VOTE FOR BILL CHEEK:
>--------------------
>
One in the yes column for me. He's been a tremendous technical reference
on more than just scanner technology.

Mark
```

424. Re: Yaesu FT-51R -800MHz

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: ctbaker@taco.engr.ucdavis.edu
Message-ID: <4csm9n$1gn@mark.ucdavis.edu>
Source record: 207587

From MAILER-DAEMON@ucdavis.ucdavis.eduMon Jan 8 09:58:00 1996
Date: Mon, 8 Jan 1996 09:52:29 -0800 (PST)
From: Mail Delivery Subsystem <MAILER-DAEMON@ucdavis.ucdavis.edu>
To: ctbaker@engr.ucdavis.edu
Subject: Returned mail: User unknown

The original message was received at Mon, 8 Jan 1996 09:52:09 -0800 (PST)
from rosarita.engr.ucdavis.edu [128.120.65.1]

----- The following addresses have delivery notifications -----
<locksmith@smartt.com> (unrecoverable error)

----- Transcript of session follows -----
... while talking to ktk1.smartt.com.:
>>> RCPT To:<locksmith@smartt.com>
<<< 550 <locksmith@smartt.com>... User unknown
550 <locksmith@smartt.com>... User unknown

[Part 2: "Included Message"]

Reporting-MTA: dns; ucdavis.ucdavis.edu
Received-From-MTA: dns; rosarita.engr.ucdavis.edu
Arrival-Date: Mon, 8 Jan 1996 09:52:09 -0800 (PST)

Final-Recipient: rfc822; locksmith@smartt.com
Action: failed
Status: 5.2.0
Remote-MTA: dns; ktk1.smartt.com
Diagnostic-Code: smtp; 550 <locksmith@smartt.com>... User unknown
Last-Attempt-Date: Mon, 8 Jan 1996 09:52:29 -0800 (PST)

Subject: FT-51R Tx/Rx mod

> Here is the mod... it looks the same as the copy from the Yaesu manual
> that I have for the MARS/CAP mod...
>
>
> YAESU FT-51R
> Expanded RX 110-180, 320-512 MHz
> Expanded TX 100-180, 390-484 MHz
> (This info was tested and is taken directly from Yaesu's official MARS &
> CAP modification document dated 6/95).
> NOTE: The FT-51R will actually dial from 60.0 to 999.999 MHz and display
> the same. RX and TX range is limited by the VCO and may vary slightly
> from radio to radio.
> NOTE: If programming with ADMS-1 software; Read radio data first, then
> put them back into radio.

> HINT: Before reprogramming with ADMS-1 but after making this modification,
> read data from radio (with empty memories) and save as "expmod.rdf" or
> similar filename. Use this filename as your new template to use when
> you reprogram with the file you saved earlier. This template contains
> new expanded info. Software writer will provide support info for you
> if you call them.
> 1. Remove antenna and battery.
> 2. Remove six black screws on rear plastic cover plate (where the battery
> would normally fit; two screws with different threads are on the battery
> plate beside the brass contacts).
> 3. Remove one black screw on the battery slide switch.
> 4. Loosen (don't remove) the four black screws on the upper back of rear case
> and slightly seperate the rear radio case.
> 5. Remove the "L" type plastic cover. CAUTION: Watch for the delicate ribbon
> cable.
> 6. Locate and unsolder jumper pads #6 & 7 (see diagram).
> Only pad 1 is now jumpered. Stock radio pads 1, 6, & 7 are jumpered.
> To activate Europe Tone-Burst, add jumper to #4 (JP1004).
> 7. Reinstall the "L" type plastic cover.
> 8. Tighten the four case screws on rear case and the six black screws on the
> rear plastic cover plate.
> 9. Re-install the one small black screw with the battery slide switch.
> 10.Press and hold both volume keys with the CALL button while turning on the
> radio.
> 11.Press the F/M button for one second, then press up arrow until it reads
> "BAND 7". Press F/M button.
> 12.Press the Band button for other band.
> 13.Press the F/M button for one second, then press up arrow until it reads
> "BAND 7". Press F/M button.
> 14.Press the CALL button to store all settings.
> 15.Modification complete.
> knob ANT
> ---------------- <---- top of FT51R
> |x x| <---- loosen these two screws
> | |
> | |
> | |
> |x X x| <--- loosen two screws 'x' and remove 'X'
> ----|-|-|-|----- <--- battery connect pins
> |* *| <--- remove these two '*' screws beside battery pins
> |x x| <--- remove these two screws
> | |
> |x x| <--- remove these two screws
> ----------------
> Diagram for under the removed plastic cover:
> ----|-|-|-|----
> |CPU jum |
> | pers | <-- arranged this way:
> | | <> <--#1 (keep soldered)
> | | <> <--#2

```
> ---------------- <> <--#3
> <> <--#4 (solder for tone-burst)
> <> <--#5
> <> <--#6 (remove)
> <> <--#7 (remove)

Good Luck
```

425. Re: Vote here in Favor of Bill Cheek

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: b w edginton <edgo@om.com.au>
Message-ID: <4ct7tc$dea@dingo.cc.uq.oz.au>
Source record: 207588
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.misc

charles1@netcom.com (charles copeland) wrote:
>It appears a few snivelling jerks have made an issue of attacking
>Bill Cheek on this forum. Namely: Andy Moss, PjB, and Micheal Alexander.
>
>Thats it, just three.
>
>So, I propose everyone vote here if you have found Bill Cheeks
>publications of use to you. They appear all across the nation
>in virtually every Ham store in operation.
>
>VOTE FOR BILL CHEEK:
>--------------------
>
>Charles Copeland
>
Come on ......Bill isn't a politician. Bill is a gadfly. I am sure he
isn't out to win any popularity contest. Let him do what he does best.
Brian

426. How to set Deviation on HTX202?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: lazeraud@sentex.net
Message-ID: <4cu4ig$doe@granite.sentex.net>
Source record: 207589

Greetings. I have a local repeater that is very sensitive to DTMF tone for the auto patch. The radio has an output deviation of 3.2 Khz using the DTMF pad, and I have been told that the repeater won't decode tones of over 2.9. Is there a separate adjustment for just the DTMF output. I found that by adjusting vr1 (mic audio deviation) doesn't change the tones output at all.

Thanks for any help,

Tedd
ve3tjd

427. JPS ANC-4

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: tom_boza@ccm.ch.intel.com
Message-ID: <4cu9e1$rdl@chnews.ch.intel.com>
Source record: 207590

Does anyone here on the newgroup have experence with the JPS ANC-4 Antenna Noise Canceller unit? I have a AC power line noise problem on 40 meters and thinking of purchasing one. However before doing so, Im looking for pros & cons with the unit.

Thanks, 73 WB7ASR...

tom_boza@ccm.ch.intel.com

428. Re: Do DSP's really help?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: willco788@aol.com
Message-ID: <4ctc4l$lnn@newsbf02.news.aol.com>
Source record: 207591
Cross-posted to: rec.radio.shortwave,alt.radio.pirate,rec.radio.amateur.equipment

thor@dodo.crown.net (Lincoln Thormahlen) wrote:
>Has anyone tried any of the DSP audio filters?

How about the Hamblaster??

The "HAMBLASTER" DSP Card

The HAMBLASTER DSP plugs into a PC compatable expansion port
and provides multimedia capabilities for HAM radio applications. It's
not compatable with the Soundblaster (1) or Soundblaster compatable

multimedia cards. It's a stand-alone Digital Signal Processor that can
runs on it's own software even while other sounds cards are installed.

DSP programs are uploaded from the PC to the HAMBLASTER providing
unlimited filters, that are easly upgraded from a disk and downloaded from
a
Computer Bullitine Board. It has an audio I/O port that provides a simple
interface
to a Ham Radio transceiver and a digital port for interfacing a TNC.
Other applications
can include a relay control for speech recognition, Dual port TNC or tone
detection. The flexibility of the system will permit new applications and

incourage third party software development that will be available
exclusively
for Ham Radio.

The programs that are included in this package where developed for Ham
Radio
applications by HAM radio operators like yourself and provide a friendly
user
interface that run under DOS. (Windows applications will be available
soon).

Simply wire the HAMBLASTER audio input to your radio and the audio
output to an amplified speaker and then load any of the application
programs provided.

DSP application software provided:

1) LMS Voice Filter: Provides a selectable bandpass filter program
followed by an LMS autonotch program to eliminate irritating hetrodynes
that are a common occurance on amatuer radio bands. You can also invoke a
propietary LMS noise reduction program that significantly reduces buzz,
impulse noise, random noise while enhancing correlated signal sources

such as voice. It should be stressed that the noise reduction algorithms will not "pick voice" out of the noise and improve the intelligibility, but it does significantly reduce the tiring noise that is often present on the Ham bands. Variations in the voice filter algorithms are provided so that the user can select the best algorithm to suit the situation.

2) Moon Filter: Tuneable linear phase bandpass filter for data & code.
Filter bamdwidths: From 1 Hz to 1024 Hz
Tuning range: 100 Hz to 3000 Hz in 0.1 Hz steps
Autotuning: Centers filter over signal in the passband of the filter.
Xchange: Stores and exchanges current center frequency with previous.
Noise reduction: Nonlinear compression reduces noise and ringing.
Morse Decoder: Adaptable Decoder displays the received text.

3) Code filter: An easily configured conventional linear phase filter with a spectrum display.
Filter type: 120 tap linear phase FIR
Filter bandwidths: 50, 100, 200, 400 and 800 Hz.
Center frequencies: 400 to 2200 Hz in 200 Hz steps
Sample frequency: 2 kHz to 10 kHz
Spectral Display: 100 Hz to 3 kHz

4) A DTMF logger automatically decodes DTMF tones from an audio source and prints the numbers to the PC screen and a diskfile with the corresponding time and date.

5) Hear: A 4 second digital recorder handy for repeating call signs or recording, editing and displaying sound files.

Options: 1) Internal 12 volt switching supply: Allows the PC to be powered down
leaving the Hamblaster to be powered by an external 12 volt source .

2) DSP Programmers kit: Some source code and programming examples along with hardware information are provided for those who have the knowlege
to get involved in the exciting field of DSP. It should be noted that this is reserved
for the dedicated DSP Engineer and is intended to provide 3rd party software development exclusively for the Hamblaster

SPECIFICATION SUMMARY:

HARDWARE PROVIDED:
1) Hamblaster DSP card (inserts in an 8 bit slot in PC):
a) 50mhz TMS320C25 DSP
b) 64k bytes Data ram
c) 64k bytes prog memory
d) Analog Interface: TI TLC320AC01
Sample and hold Analog to Digital Converter
sample rate up to 40kHz
14 bit ADC and DAC
programmable input gain

programmable output gain
anti-aliasing filters
e) 8 bit I/O for controlling external devices
f) Optional remote powering interface
2) DB9 and DB25 mating connectors
3) 3.5" Disk

SOFTWARE PROVIDED:
1) LMS Voice FIlter:
Windows, DOS control program; DSP binary file
15 Bandpass voice filters (60 tap linear phase FIR)
LMS Autonotch filter with Freeze
LMS Noise reduction filter with Freeze

2) Moon Filter:
DOS control program; DSP binary file
Unique tuneable linear phase filter capable of very narrow
bandwidths.

3) Data and Code filter:
DOS control program; DSP binary file
15 Bandpass linear phase code filters (120 taps)

4) DTMF autologging software:
DOS control program; DSP binary file

5) Hear: A digital recorder for 4 second soundfiles

Owners Manual (with memory maps and schematic).
Program Manual: Provides detailed description of programs provided.

OPTIONAL EXTRAS:
1) External remote power supply
2) DSP programmer kit:
a) Source code for Data and Code filter program:
PC control program written in Power Basic
TMS assembly language DSP source code
b) TI TMS320C25 Assembler
c) Download program

Foot Notes

1: The Soundblaster is a product of Creative Labs Inc.

Jack Albert WA9FVP

429. Looking For Motorola Mitrek Radios

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: kd4idr@netline.net
Message-ID: <4csn30$2eq@tesla.netline.net>
Source record: 207592

Hello Everyone!

I am looking for a few working Motorola Mitrek radios to modify for
9600 Baud packet. Please e-mail me if you have these radios.

kd4idr@netline.net

Paul.

430. INFO NEEDED: KR-50 Keyer

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: timcook@erinet.com
Message-ID: <4cslm9$96n@eri2.erinet.com>
Source record: 207593

Need the paperwork on a Ten Tec KR-50 electronic Keyer. Will be glad
to pay for copying, mailing etc....Please Email if you have the
info... thanks
Tim NZ8J

431. Ten Tec Scout/Spider Antenna/info./$$

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: rdr@efn.org
Message-ID: <4cts8t$qo7@garcia.efn.org>
Source record: 207594

What's a fair price for a used Scout 555??? Any recommendations for an antenna for an apartment dweller stuck on a first floor??? How 'bout the Spider Antenna...anybody tried it...Anybody have a Scout in good condition for sale??? Thanks for suggestions...trying to put together my first rig....Rob R. KE6BGO

432. Dead ICOM 745 - R70 same?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: n1ddzrjc@aol.com
Message-ID: <4ctip2$ou8@newsbf02.news.aol.com>
Source record: 207595

I hear that the old Icom 745's lose their mind when the battery fails and have to be reprogrammed at the factory -- true?

I'm being offered a 745 that's "dead" (or is it just sleeping?)

How about the R-70? Same deal?
Bob Crowley, Staff Inventor
AMBIT Corporation,
Wayland MA

433. Yaesu FT470 What is a fair price?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: rhelton@netcom.com
Message-ID: <rheltonDKxGAw.9o4@netcom.com>
Source record: 207596

I have an opertunity to buy a FT470. The unit has had mods done and has an extra battery. What would be a fair price to pay for this unit. It is in very good condition. Your opinion is most welcome!
--
rhelton@netcom.com

434. Re: Vote here in Favor of Bill Cheek

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1DKxADs.EFp@netcom.com>
Source record: 207597
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <charles1DKvKzI.B45@netcom.com>,
charles copeland <charles1@netcom.com> wrote:
>It appears a few snivelling jerks have made an issue of attacking
>Bill Cheek on this forum. Namely: Andy Moss, PjB, and Micheal Alexander.
>
>Thats it, just three.
>
>So, I propose everyone vote here if you have found Bill Cheeks
>publications of use to you. They appear all across the nation
>in virtually every Ham store in operation.
>
>VOTE FOR BILL CHEEK:
>--------------------
>
>Charles Copeland
>

[forwarded to newsgroup]

From jococour@cdsnet.net Tue Jan 9 01:16:23 1996
To: charles1@netcom.com
Newsgroups: rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.misc
Subject: Re: Vote here in Favor of Bill Cheek
From: jococour@cdsnet.net (Mr. Ed)

I have never read any of Mr. Cheek's books, nor have I applied any mods
to my scanner, however, I believe that without him discovering and
disseminating his mods, the scanner world would be an infinitely lesser
community. The speed mods, memory mods, restoration mods, etc., all of
these mods were first discovered by Mr. Cheek, and his attitude of "let's
see what I can make this scanner REALLY do!" has changed the attitudes of
the community to where the consumer expects a good deal more control over
his scanner. Also, his no-bs evaluations have helped me out tremendously.
So often in radio publications, the authors are forced to be somewhat
sycophantic in regards to reviewing their advertiser's scanners...hence,
reviews sometimes seem to be a little sugar-coated. Well, with Bill, you
get his straight unvarnished opinions. True, they're sometimes harsh,
sometimes profane, but so was give-'em-hell-Harry! In short, I vote a
solid YES to Bill Cheek's value to this NG, and to the scanning community
at large

Mr Ed
jococour@cdsnet.net

435. want mods for IC736, IC737(A) and IC738

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: martin.rask@mailbox.swipnet.se
Message-ID: <4cuu3g$fb8@mn5.swip.net>
Source record: 207598

Hello and thanks for reading this !! :-) is there anyone outthere who
has any mods for anyone of these three radio's ?? could be anyting from
improving RX to how to get expande TX. I would really appriciate any mod
at all for these radio's (havent seen any at all passing arround) so is
there anyone who has a mod outthere please send it to me.
Best 73's De SM7VHS /Martin hope to hear you on the bands.

436. New 220MHz Rpt Duplxr TRADE for RS232 Scanner

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: cardenas@kaiwan.com
Message-ID: <4ctje4$iep@kaiwan.kaiwan.com>
Source record: 207599

Howdy!

I have, new in the box, one WAYCOM 220MHz Repeater Duplexer. It stands about 2 1/2' tall and is about 2' wide. It has Four large cavities, built for Amature 220 Bands, but shoud tune slightly higher or lower, within limits. I suspect that it should handle 200 watts with no problems. Original cost: hundreds of dollars.

It has never been in service as my repeater pair went to UPS, when they bought the frequencies from the FCC ~ just as the Duplexer was shipped. It has been in a corner of my shop since.

I want in trade, a High Quality scanner WITH RS232 interface. Please email me with your offer and I'll research your scanner for it's specifications/value. Please note that I have four other scanners of quality, less the RS232 interface. Please don't offer me another one.

Thanks!

Please contact via email:
cardenas@kaiwan.com
Tony, WA6IGJ

437. Re: Yaesu FT470 What is a fair price?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4cuvg0$ep0@news.ccit.arizona.edu>
Source record: 207600

rhelton@netcom.com (Richard Helton) writes:
>I have an opertunity to buy a FT470. The unit has had mods done and has
>an extra battery. What would be a fair price to pay for this unit. It
>is in very good condition. Your opinion is most welcome!
>rhelton@netcom.com

Hi: A friend of mine bought an FT470 last summer, paying $350. It was in pristine condition, and had been mod'ed to function out of band. The radio came with 2 large capacity batteries and 2 smaller batteris, a speaker mic, a fast charger and a slow charger. Also got 4 empty battery cases that could have new batteries installed. On the whole, this friend reports the purchase to been a good deal and is satisfied with the radio.

Hope that helps,
Chris, N7RME

438. Re: How High?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: mwhite@mitre.org
Message-ID: <mwhite-0901960944590001@m14494-mac.mitre.org>
Source record: 207601

Prescott wrote:

> I am a licensed amateur operator. How high may I legally put up an
> unlighted tower without offending the FCC or the FAA?

The relevant Federal Aviation Regulation states:

Sec. 77.13 Construction or alteration requiring notice.

(a) Except as provided in Sec. 77.15, each sponsor who proposes any of the following construction or alteration shall notify the Administrator in the form and manner prescribed in Sec. 77.17:
(1) Any construction or alteration of more than 200 feet in height above the ground level at its site.
(2) Any construction or alteration of greater height than an imaginary surface extending outward and upward at one of the following slopes:
(i) 100 to 1 for a horizontal distance of 20,000 feet from the nearest point of the nearest runway of each airport specified in paragraph (a)(5) of this section with at least one runway more than 3,200 feet in actual length, excluding heliports.
(ii) 50 to 1 for a horizontal distance of 10,000 feet from the nearest point of the nearest runway of each airport specified in paragraph (a)(5) of this section with its longest runway no more than 3,200 feet in actual length, excluding heliports.
(iii) 25 to 1 for a horizontal distance of 5,000 feet from the nearest point of the nearest landing and takeoff area of each heliport specified in paragraph (a)(5) of this section.

Sec. 77.15 Construction or alteration not requiring notice.

No person is required to notify the Administrator for any of the following construction or alteration:
(a) Any object that would be shielded by existing structures of a permanent and substantial character or by natural terrain or topographic features of equal or greater height, and would be located in the congested area of a city, town, or settlement where it is evident beyond all reasonable doubt that the structure so shielded will not adversely affect safety in air navigation.
(b) Any antenna structure of 20 feet or less in height except one that would increase the height of another antenna structure.

--
mwhite@mitre.org

My opinions are my own, not my employer's.

439. WANTED: Analog Synths, Drum Machines, FX, Etc...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: gm371@cleveland.Freenet.Edu
Message-ID: <4ctnja$6am@madeline.INS.CWRU.Edu>
Source record: 207602

WANTED: Analog Synths, Drum Machines, FX, Etc...

Arp, Akai, Boss, Buchla, Crumar, Chroma, Electric Dream Plant,
Electro-Harmonix, EML, EMS, Korg, Moog, Oberhiem, Octave/Plateau,
PAIA, PPG, Roland, Serge, Sequential Circuts, Simmons, Yamaha, etc

* Older stuff - With or Without MIDI
* Synthesizers - analog, modular, patchable, some digital, etc
* Drum machines, Ryhthm units - analog
* Sequencers - CV & Gate
* Converter units - MIDI to CV gate, etc
* Sync units - Din Sync, etc.
* Effects processors - tube, analog, digital
* Vocoders
* Effects pedals
* Even Newer Stuff (depending what it is)
* Also Wanted: Tube Recording Gear, Tube Mics, Tube Mic Pre-amps, etc...

* Anything else that falls under the electronic music realm...

Please write back with info... Thanks in advance
--
gm371@cleveland.freenet.edu

440. Alinco DR-M06T, Any comments?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: efreebe@nv2.uswnvg.com
Message-ID: <4cue53$e8p@fred.uswnvg.com>
Source record: 207603

I am curious about the Alinco DR-M06T, 6-meter rig. Any comments?
Please e-mail or post.

Thanks.
--
Eric Freeberg
KC7CLE

441. Re: What rig did the downed Pilot in Bosnia use?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-09 00:00:00 UTC
From: Bill Bennett <bb@tisc.com>
Message-ID: <4cuj9p$sfj@taxis.corp.titan.com>
Source record: 207604

Dave Peterson <peterson@fnal.gov> wrote:
Just after he was rescued there was an article in one of the news
magazines (US
News?) or a segment on NPR which mentioned the model of radio. It was
some
version of the 112 which (amazingly enough) you can see on the Motorola
Web
Server at:

http://www.mot.com/GSTG/ged/rso/gps-112.html

-- KD9IG

How come they don't brag about its CW capabilitys???? or even mention
them???

442. Wanted quick charger

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: Bruce Chadwick <bchadwi@mail.hjhoi.com>
Message-ID: <4d10g8$v6b@viper.idbsu.edu>
Source record: 207455

Looking for an NC-50 universal Yaesu quick charger.

bchadwi@mail.hjhoi.com
bruce
kb7cfl

443. Re: Vote here in Favor of Bill Cheek

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: bcheek@cts.com
Message-ID: <4d18it$qvj@news2.cts.com>
Source record: 207456
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.misc

Mr. Smith:

I have communicated the substance of your vicious lie below directly
to Mr. Parnass, and invited HIM to discuss it with both you and me on
this forum, in public. I am prepared. Are you?

Bill Cheek

tsmith@ici.net wrote:

>Not hardly! With all due respect to the Mr. Cheek and the scanning community
>much of his information is based on Mr. Parnass's work at Bell Labs. You'll
>see things in Bill Cheeks books that look real familiar to Bill Parness's work
>with due credit to him...this leads me to believe that Mr. Cheek is purely in
>this for his own interests...it's easy to copy and compile. Much of the
>information in his compilations can be easily found on the internet and are
>authored by individual certainly not credited in Bill's books.

444. Re: Hallicrafters equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: azoth@netcom.com
Message-ID: <azothDKyytD.CHI@netcom.com>
Source record: 207457

I heard langietr@dsd.northrop.com say:

: Can anyone provide information on how I can obtain any Hallicrafter's radio
: or communications equipment.

Among the best places to start looking are local hamfests. Since older rigs can cost a small fortune to ship, due to their size and weight, you can save considerable cash by humping the treasure away yourself (save your back: lift from the knees!) You also get to touch and feel the rig, and talk with the seller, who not infrequently has a tale to tell. Also, since many folks are more interested in renovating than actually keeping some of these old sets, it's possible to find some beautifully restored equipment which works as well as it did when it was new. It's also possible to find some truly mint gear as well, like my own Halli SX-115, but expect to pay a little extra for the privilege of owning such a specimen.

Moore's book is the best commonly available reference for Hallicrafters and similar vintage equipment, as somebody already pointed out. The Osterman book includes coverage of many solid-state sets, as does the 2-volume 'Chance or Choice' set from Gilfer.

There is also a mailing list for people interested in vintage tube radio technology, including Hallicrafters (and an ftp site for the archives and other material), several magazines, a weekly on-air swap net on 75 meters just for vintage gear....and lots of folks with similar interests. Drop me a line if you have questions about any of these resources, and I'll try to help.

73 de KF4FJH - RF Buchanan

445. Re: Vote here in Favor of Bill Cheek

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: bjones@aramco.com
Message-ID: <NEWTNews.821299602.8039.bjones@bjones.aramco.com>
Source record: 207458
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.equipment

How about not crossposting this BC crap to rec.radio.amateur.misc and rec.radio.amateur.equipment. Not many people care anyway.

73 de KC5EVD

446. Good dual-band mobiles to use for remote repeater inputs?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: pruth@ocvaxa.cc.oberlin.edu
Message-ID: <4d1ci6$83k@news.cc.oberlin.edu>
Source record: 207459

Our club is trying to get remote inputs up and running, and
we are considering using a pair of dual band mobiles for at
least one of the links, 2m/440Mhz, for crossbanding. What are
good, reliable rigs to use for this application? One of our
technical committee people felt that whatever we chose (he mentioned
"Kenwood 741 (sic)" we would have to add outboard heatsinks even
if we ran them at no more than 5 watts. Thanks for your advice.
--Bill KB8USZ pruth@alpha.cc.oberlin.edu

447. Dual Band ic-245

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: n0nas@hamlink.mn.org
Message-ID: <821264214.AA04929@hamlink.mn.org>
Source record: 207460

CA>From: carlosr@csulb.edu (Carlos Ramirez)
CA>I would like to get information on this old Icom radio. I know that it is an
CA>all mode transceiver. Somebody wants to sale it to me for $200. I would
CA>like to know if it has tones to hit the repeaters and if the price is
CA>reasonable. All your help would be appreciated.

The Icom IC-245 is a 144-148 MHz FM/SSB/CW transceiver that runs about
8 to 10 watts output. It is an old radio, probably mid 1980's. It does
NOT have built in tone capability. In fact it doesn't have any
significant memory channel capability either. It says it has one memory
but mine doesn't work. It takes almost forever to tune from one
end of the band to the other because the tuning rate is very slow.

I have one of these radios but the display died, I think a voltage
regulator quit. I think the $200 price is fairly reasonable for a SSB
radio. But don't buy it if what you want is an FM radio because the
tuning will drive you nuts. I do consider it to be a usable radio for
SSB although it isn't any where near the top. It has a lot of warts but
is a cheap way to get started on 2M SSB.

Don't forget the difference in antennas. For FM you want vertical
polarization, for SSB you want horizontal. You can make opposite
polarization contacts but it isn't good for any distance. Either you
want two antennas or consider a cross polarized antenna designed for
satellite work.

The January VHF/UHF contest is coming very soon. Even if you don't buy
the SSB radio, tune around the FM simplex frequencies (but NOT 146.52)
and join the fun. The only thing you need to know is your grid square
and your first contact can probably tell you if you don't know already.

73's.
Doug Reed, N0NAS email: n0nas@hamlink.mn.org
St Paul, MN

* SLMR 2.1a * Press any key to continue or any other key to quit

448. kenwood AT problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: n3ntjmatt@aol.com
Message-ID: <4cvo3t$jjg@newsbf02.news.aol.com>
Source record: 207461

Hi all..
Does anyone know of a Kenwood auto tuner problem?
I know of a rig that will draw lots of current when you get to 20 thru 10 m and the AT will not tune for about 5 or 10 min. Then, it is fine.
On 40 and 80m there is no problem.
Has anyone ever heard of this problem or know what it may be?
I am think the tuner but I dunno.
Also, any good, fast Kenwood service areas near Cleveland or Pittsburgh?
thx and 73s
Matt
N3NTJ

n3ntjmatt@aol.com

449. Re: Dead ICOM 745 - R70 same?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: somkiat@latcs1.lat.oz.au
Message-ID: <somkiat.821278670@latcs1.cs.latrobe.edu.au>
Source record: 207462

n1ddzrjc@aol.com (N1DDZ RJC) writes:

>Xref: latcs1 rec.radio.amateur.equipment:15596
>Path: latcs1!lugb.latrobe.edu.au!harbinger.cc.monash.edu.au!news.rmit.EDU.AU!news.unimelb
.EDU.AU!munnari.OZ.AU!spool.mu.edu!howland.reston.ans.net!news-e1a.megaweb.com!newstf01.ne
ws.aol.com!newsbf02.news.aol.com!not-for-mail
>From: n1ddzrjc@aol.com (N1DDZ RJC)
>Newsgroups: rec.radio.amateur.equipment
>Subject: Dead ICOM 745 - R70 same?
>Date: 9 Jan 1996 06:15:46 -0500
>Organization: America Online, Inc. (1-800-827-6364)
>Lines: 9
>Sender: root@newsbf02.news.aol.com
>Message-ID: <4ctip2$ou8@newsbf02.news.aol.com>
>Reply-To: n1ddzrjc@aol.com (N1DDZ RJC)
>NNTP-Posting-Host: newsbf02.mail.aol.com

>I hear that the old Icom 745's lose their mind when the battery fails and
>have to be reprogrammed at the factory -- true?

>I'm being offered a 745 that's "dead" (or is it just sleeping?)

>How about the R-70? Same deal?
>Bob Crowley, Staff Inventor
>AMBIT Corporation,
>Wayland MA

That matter won't happen to IC R-70 cause it needs no battery backup.

--
Somkiat Kitjongthawonkul Ph: +61 3 94791050
School of CompSci. & CompEng. E-mail: somkiat@latcs1.lat.oz.au
La Trobe University, Bundoora
Vic. 3083, Australia

450. Re: TM-742A Sudden Total Radio Failure

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: Bill Harwood <harwood@sirius.chinalake.navy.mil>
Message-ID: <DKznn1.7G5@avalon.chinalake.navy.mil>
Source record: 207463

Alan Raskind <alan.raskind@trw.com> wrote:
>Has anyone ever had their TM-742A suddenly fail on them, that is trying
>to turn it on and it does't come on at all. Pushing the power button
>repeatedly does no good. Dead. The interface cable between the display
>"head" is also ok.
>
>All fuses and power lines are ok. No surges took place. This happened
>in the car with the engine turned OFF. Any suggestions as to what might
>have happened.
>
>Would appreciate any help. Thanks in advance,
>
>Alan WA6AQC

I have seen my 942 act strange, turn on and off and hang up with the back light but no display, with marginal battery voltage. Do y=
ou possibly have some excess resistance in the power cable?

Good Luck

```
\-----------------------------------------------------/
\ Bill Harwood U play it, I'll dance it /
\ AB6DY or /
\ I'll play it, U dance it /
\-------------------------------------------/
```

451. Re: Ameritron AL-82 Equipment Review ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: rsmall01@aol.com
Message-ID: <4d0fp3$s5i@newsbf02.news.aol.com>
Source record: 207464

In article <4crrjs$hjp@ssbunews.ih.att.com>, wstrahl@nwscb.nw.att.com (N10214200-Strahl) writes:

>Does anyone have a handy reference to where the AL-82 amplifier (pair of >3-500Z's) was reviewed (what magazine, what issue) ? I'm kinda interested
>in this thing but would like to 'have a look at the insides'.
>
>Thanks!
>
>Wayne - W9II wstrahl@nwsca.nw.att.com

Wayne:

The AL-82 was reviewed in the July 92 issue of QST. They compare other mid-priced amps in the same article. If you give me a FAX #, I would be happy to send it to you or ship a copy in the mail if you perfer.

73, Dick

452. Re: Using HP8690 with HP8410 Network Analyzer ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: billj@calweb.com
Message-ID: <4d1fsi$9gb@news.calweb.com>
Source record: 207465
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment

Steve Sawyers n0yvy <sawyers@inav.net> wrote:
> A cheaper alternative to paper copies is to get the micro
>fiche. It is about 20% of paper and I got a nice fiche
>reader at teh the local ham fest for $15.
>
>Now I just order the fiche and forget the paper.Takes up
>less shelf space too.
>
>de steve n0yvy
>
I just go to the local library and use their viewer/printer to get
my paper copies. The service from HP has been very good.
Bill K7NOM

453. Re: Address needed for Kenwood parts..

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: mwhite@mitre.org
Message-ID: <mwhite-1001961557000001@m14494-mac.mitre.org>
Source record: 207466

Doug Randall wrote:

> I need a mike element for a Kenwood MC50. Does anyone know a phone
> number, fax number or address to write?

You can get Kenwood parts from East Coast Transistor Parts 1-800-776-2626.
West Coast parts is 1-800-262-1312. Kenwood service is 1-310-639-5300.

--
mwhite@mitre.org

My opinions are my own, not my employer's.

454. fs: TS-440s/AT service manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: n3ntjmatt@aol.com
Message-ID: <4cvoh4$jst@newsbf02.news.aol.com>
Source record: 207467

```
Hi..
I have a Kenwood TS-440s/AT service manual.
make offer and I can make a copy.
thx and 73s
matt
```

455. Re: Address needed for Kenwood parts..

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: Alan Raskind <alan.raskind@trw.com>
Message-ID: <30F4240F.5DCE@trw.com>
Source record: 207468

Doug Randall wrote:
>
> I need a mike element for a Kenwood MC50. Does anyone know a phone
> number, fax number or address to write?
>
> Thanks, Doug KN2Y

All Kenwood parts (at least on the west coast) are now being handled by
Pacific Coast Parts Distributors, 15024 Staff Court, Gardena, CA 90247.
Their numbers are: (800) 262-1312, (310) 515-0207, FAX: (310) 538-4919.
They also handle a number of other lines such as Alpine, Toshiba,
Panasonic, Technics, Quasar, and others. Hope this helps.

Alan, WA6AQC

456. Re: Address needed for Kenwood parts..

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: Alan Raskind <alan.raskind@trw.com>
Message-ID: <30F42419.4317@trw.com>
Source record: 207469

Doug Randall wrote:
>
> I need a mike element for a Kenwood MC50. Does anyone know a phone
> number, fax number or address to write?
>
> Thanks, Doug KN2Y

All Kenwood parts (at least on the west coast) are now being handled by
Pacific Coast Parts Distributors, 15024 Staff Court, Gardena, CA 90247.
Their numbers are: (800) 262-1312, (310) 515-0207, FAX: (310) 538-4919.
They also handle a number of other lines such as Alpine, Toshiba,
Panasonic, Technics, Quasar, and others. Hope this helps.

Alan, WA6AQC

457. Re: Address needed for Kenwood parts..

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: Alan Raskind <alan.raskind@trw.com>
Message-ID: <30F4242B.25D1@trw.com>
Source record: 207470

Doug Randall wrote:
>
> I need a mike element for a Kenwood MC50. Does anyone know a phone
> number, fax number or address to write?
>
> Thanks, Doug KN2Y

All Kenwood parts (at least on the west coast) are now being handled by
Pacific Coast Parts Distributors, 15024 Staff Court, Gardena, CA 90247.
Their numbers are: (800) 262-1312, (310) 515-0207, FAX: (310) 538-4919.
They also handle a number of other lines such as Alpine, Toshiba,
Panasonic, Technics, Quasar, and others. Hope this helps.

Alan, WA6AQC

458. Re: Address needed for Kenwood parts..

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: Alan Raskind <alan.raskind@trw.com>
Message-ID: <30F4244E.59D6@trw.com>
Source record: 207471

Doug Randall wrote:
>
> I need a mike element for a Kenwood MC50. Does anyone know a phone
> number, fax number or address to write?
>
> Thanks, Doug KN2Y

All Kenwood parts (at least on the west coast) are now being handled by
Pacific Coast Parts Distributors, 15024 Staff Court, Gardena, CA 90247.
Their numbers are: (800) 262-1312, (310) 515-0207, FAX: (310) 538-4919.
They also handle a number of other lines such as Alpine, Toshiba,
Panasonic, Technics, Quasar, and others. Hope this helps.

Alan, WA6AQC

459. Re: Address needed for Kenwood parts..

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: Alan Raskind <alan.raskind@trw.com>
Message-ID: <30F42631.7412@trw.com>
Source record: 207472

Doug Randall wrote:
>
> I need a mike element for a Kenwood MC50. Does anyone know a phone
> number, fax number or address to write?
>
> Thanks, Doug KN2Y

All Kenwood parts (at least on the west coast) are now being handled by
Pacific Coast Parts Distributors, 15024 Staff Court, Gardena, CA 90247.
Their numbers are: (800) 262-1312, (310) 515-0207, FAX: (310) 538-4919.
They also handle a number of other lines such as Alpine, Toshiba,
Panasonic, Technics, Quasar, and others. Hope this helps.

Alan, WA6AQC

460. Re: Address needed for Kenwood parts..

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: Alan Raskind <alan.raskind@trw.com>
Message-ID: <30F42644.32EB@trw.com>
Source record: 207473

Doug Randall wrote:
>
> I need a mike element for a Kenwood MC50. Does anyone know a phone
> number, fax number or address to write?
>
> Thanks, Doug KN2Y

All Kenwood parts (at least on the west coast) are now being handled by
Pacific Coast Parts Distributors, 15024 Staff Court, Gardena, CA 90247.
Their numbers are: (800) 262-1312, (310) 515-0207, FAX: (310) 538-4919.
They also handle a number of other lines such as Alpine, Toshiba,
Panasonic, Technics, Quasar, and others. Hope this helps.

Alan, WA6AQC

461. Re: Address needed for Kenwood parts..

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: Alan Raskind <alan.raskind@trw.com>
Message-ID: <30F42649.4F6@trw.com>
Source record: 207474

Doug Randall wrote:
>
> I need a mike element for a Kenwood MC50. Does anyone know a phone
> number, fax number or address to write?
>
> Thanks, Doug KN2Y

All Kenwood parts (at least on the west coast) are now being handled by
Pacific Coast Parts Distributors, 15024 Staff Court, Gardena, CA 90247.
Their numbers are: (800) 262-1312, (310) 515-0207, FAX: (310) 538-4919.
They also handle a number of other lines such as Alpine, Toshiba,
Panasonic, Technics, Quasar, and others. Hope this helps.

Alan, WA6AQC

462. Re: Address needed for Kenwood parts..

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: Alan Raskind <alan.raskind@trw.com>
Message-ID: <30F42670.5D03@trw.com>
Source record: 207475

Doug Randall wrote:
>
> I need a mike element for a Kenwood MC50. Does anyone know a phone
> number, fax number or address to write?
>
> Thanks, Doug KN2Y

All Kenwood parts (at least on the west coast) are now being handled by
Pacific Coast Parts Distributors, 15024 Staff Court, Gardena, CA 90247.
Their numbers are: (800) 262-1312, (310) 515-0207, FAX: (310) 538-4919.
They also handle a number of other lines such as Alpine, Toshiba,
Panasonic, Technics, Quasar, and others. Hope this helps.

Alan, WA6AQC

463. Address needed for Kenwoo

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: Clint.Bradford@228.woodybbs.com
Message-ID: <ec8_9601110642@woodybbs.com>
Source record: 207476

```
================================================================================
Packet: ATDBBS
Date: 01-09-96 (18:56) Number: 12748
From: DOUG RANDALL Refer#: NONE
To: ALL Recvd: NO
Subj: Address needed for Kenwood parts.. N Conf: (199
--------------------------------------------------------------------------------
.MSGID: mid__4cuv42$bps@i-2000.com f2820001
.REPLYTO 1:2619/211.9 UUCP
.REPLYADDR dougrand@i-2000.com
.PID GIGO+ sn 476 at woodybbs vsn 0.99.950801
From: dougrand@i-2000.com (Doug Randall)
Subject: Address needed for Kenwood parts..
Organization: I-2000 Inc. - Internet Services

I need a mike element for a Kenwood MC50. Does anyone know a phone
number, fax number or address to write?

Kenwood PARTS - West Coast
1-800-262-1312, or 1-310-515-0207
M-F 8:30am-4:30pm Pacific time
---
* wcECHO 4.1 ~ AR-Net: ATTENTION to Details * Mira Loma, CA * 909-681-6221
--
|Fidonet: Clint Bradford 1:2619/228
|Internet: Clint.Bradford@228.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.
```

464. Re: Dead ICOM 745 - R70 same?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: ad7k@bighorn.accessnv.com
Message-ID: <4d29n3$1pe@bighorn.accessnv.com>
Source record: 207477

N1DDZ RJC (n1ddzrjc@aol.com) wrote:
: I hear that the old Icom 745's lose their mind when the battery fails and
: have to be reprogrammed at the factory -- true?
--->snip<---

Direct e-mail sent to originator ... this posted for the benefit of the group as a whole ...

Actually, the entire radio does not need to be sent to Icom ... only the small "daughter board" that has the (volatile) E-PROM on it, along with its associated lithium backup cell (about the size of a quarter).

You can check to see if the lithium cell is gone (and along with it, the contents of the E-PROM) by measuring the voltage of the battery with an accurate digital VOM ... the battery terminal voltage should be at or very near 3.00 volts DC. If it is significantly below that, remove the board and send it to the nearest Icom Service Center (see last page of AES catalog for nearest location - another good AES service!).

Unfortunately, this procedure is one that Icom never released to the Dealer Service Network ... it must be done at Icom ... but their charge is nominal, and turnaround is good.

Good luck and very 73,

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

465. Re: DSP IF freq of the TS-870?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: ad7k@bighorn.accessnv.com
Message-ID: <4d29t9$1su@bighorn.accessnv.com>
Source record: 207478

tom_boza@ccm.ch.intel.com wrote:
: What is the operating DSP IF frequency of the Kenwood TS-870?

: WB7ASR...

In the area of 12 KHz or so ... same with FT1000MP and IC775DSP.

73,

"Squeak" Porray, AD7k
Manager, Amateur Electronic Supply/Las Vegas

466. Re: Looking for RF amp/IC28a

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: ad7k@bighorn.accessnv.com
Message-ID: <4d2a2q$20v@bighorn.accessnv.com>
Source record: 207479

Tedd Doda (lazeraud@sentex.net) wrote:
: Greetings. I purchased an IC-28a which is in need of the RF output brick.
: Does anyone have a cross reference for it (original= SC 1019).
---<snip>---

Call Icom Technical Assistance at (206) 454 7619 ... they can help. (This is a direct number (2 lines) into T/A, so it's sometimes best if you have a telephone with automatic redial ;-(

Good luck, and very 73!

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

467. Re: How is IC-706?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4d085i$ov4@newsbf02.news.aol.com>
Source record: 207480

In article <30F28FF9.629C@frontiernet.net>, "Scott A. Blystone"
<kc2iq@frontiernet.net> writes:

>I've seen a few isolated postings on the new Icon IC-706, but mostly
>they have been "how do I do this or that?" I'm thinking of purchasing
>one of these, as the specs look very nice. I am interested in any
>observations owners of this radio might have. How well does it work on 6
>and 2 meters, for instance. Any information is appreciated.
>
>

Hi Scott,

Mine works fine. If I was to be critical about anything at all, it would be the tendency to overload on strong out of band signals on HF. It sure isn't as immune to overload as my R4C or ICOM 751A. Turning off the preamp or adding attenuation removes those HF problems and still allows reception of weak DX signals.

To date I have had no problems with six or two meters, and it looks good on the spectrum analyzer. So far I think it's a very nice mobile or casual HF rig, and certainly worth the money.

73 Tom

468. Re: Alinco DJG5T??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: you@nr.infi.net
Message-ID: <4cvd98$o66@news.infi.net>
Source record: 207481

In article <4corsq$lk7@news.rrnet.com>, Jeff Goebel <jgoebel@rrnet.com> says:
>
>I am planning a purchase of a new dual-band HT.
>
>I have seen plenty of comments on the Yeasu and Kenwood
>offerings but haven't seen much on the Alinco DJG5T.
>
>Anyone have any comments on it? Mods?
>
>Thanks,
>
>Jeff Goebel N0VHB <jgoebel@rrnet.com>
>
I have one and it works great! I love it, the only problem is that it is
sensitive to humidity?(maybe just mine, I don't know.)

73's Matt
ballance@nr.infi.net

469. Re: DSP IF freq of the TS-870?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <4cvj0q$guj@news.halcyon.com>
Source record: 207482

it is 11 Khz and samples at 44 Khz as I understand it.

Gary

470. Re: Icom 706 hand mic. (More)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: Ray Wilson <n3rkh@voicenet.com>
Message-ID: <4cuvol$knt@news.voicenet.com>
Source record: 207483

> Being a dealer, I have found several mics that were great and a couple that
> were poor. The worst being the one I own. I replaced the cartridge with a
> Heil HC-4, and now it sounds like my TS-50. Just Great Audio.
>
> Not all '706's have an audio problem.
>
> cheers...mike
>
> mwalker@interlog.com

Thanks for the info, Mike...

I put an Astatic RD-104E on my 706 today. Everyone said it was a huge
improvement over the Icom mike. All I have to do is figure out how to
get the UP/DOWN buttons working. (I put the buttons in the mic for the
IC-706s' predecessor.)

73

Ray, N3RKH

471. DSP on a VHF repeater

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: kckm@aol.com
Message-ID: <4d0k5o$na@newsbf02.news.aol.com>
Source record: 207484

Has anyone tried using a DSP on a VHF repeater system?
Ken Johnson
WB8VTW

472. kenwood used AT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: n3ntjmatt@aol.com
Message-ID: <4cvobp$jp5@newsbf02.news.aol.com>
Source record: 207485

looking for a AT for the 440s/AT.
I have a problem and may want to try a different tuner to see if that
rectifies the problem.

thx
matt

473. Re: Hallicrafters equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: radiomatt@aol.com
Message-ID: <4d035m$n82@newsbf02.news.aol.com>
Source record: 207486

the company has been out of business several decades. most of us over 40 grew up with hallicrafter shortwave radios (unless you were a hammarlund or national radio devotee), so when we get nostalgic, we start looking for them on the used market.
Universal Radio has several books showing the Hallicrafter line of products (one is by Fred Osterman, the other by Raymond Moore), as well as SW radios by others.
they're at 800 431 3939

474. Re: Address needed for Kenwood parts..

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: Alan Raskind <alan.raskind@trw.com>
Message-ID: <30F42459.2D5C@trw.com>
Source record: 207487

Doug Randall wrote:
>
> I need a mike element for a Kenwood MC50. Does anyone know a phone
> number, fax number or address to write?
>
> Thanks, Doug KN2Y

All Kenwood parts (at least on the west coast) are now being handled by
Pacific Coast Parts Distributors, 15024 Staff Court, Gardena, CA 90247.
Their numbers are: (800) 262-1312, (310) 515-0207, FAX: (310) 538-4919.
They also handle a number of other lines such as Alpine, Toshiba,
Panasonic, Technics, Quasar, and others. Hope this helps.

Alan, WA6AQC

475. FS: Heathkit HW-101

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: Paul McCune <pdmc@primenet.com>
Message-ID: <4d0gso$5rl@nnrp1.news.primenet.com>
Source record: 207488

I have a Heathkit HW-101 in good working condition for sale.
Price: $200. In the Phoenix, AZ. area call (602) 589-6992.
Or e-mail pdmc@primenet.com Need to sell A.S.A.P.

Thanks, PAUL N7YKX

--

pdmc __ __ ____ ___ ___ ____
pdmc@primenet.com /__)/__) / / / / /_ /\ / /_ /
/ / \ / / / / /__ / \/ /___

476. FS:Icom IC471E

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: Marinus Willemstijn <willemma@telkom19.telkom.co.za>
Message-ID: <4d0f4q$djn@grovel.iafrica.com>
Source record: 207489

I have available an IC471E. The price is - in South African
currency - R3000 + postage and package.

--

Marinus Willemstijn
Voice : +27 12 3256503
Cell : 082-565-7085
Fax : +27 12 3114438
eMail : WILLEMMA@TELKOM19
Internet : willemma@telkom19.telkom.co.za
Packet : zs6maw@zs0dld.tvl.zaf.af

477. Yaesu FT-8500 Autodial Question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: username@shore.net
Message-ID: <4d0avc$slq@shore.shore.net>
Source record: 207532

I posted a question a week or so ago with no luck, so I'll try again.

I programmed some autodial tones and text in my FT 8500, and can do a speed dial by holding down the appropriate digit while pushing the PTT. What I can't do is display the text that corresponds to the speed dial memory. The manual is very vague on this feature, but I figure it must be do-able, because the text is entered in the memory. I use the ADMS software, by the way.

Any ideas? Any other tricks to this very capable but complicated radio?

Thanks and 73 de Mike, N1PQG

478. Re: Vote here in Favor of Bill Cheek

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: tsmith@ici.net
Message-ID: <4d0gk3$330@crusher.ici.net>
Source record: 207533
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <charles1DKxADs.EFp@netcom.com>,
charles1@netcom.com (charles copeland) wrote:
>
>I have never read any of Mr. Cheek's books, nor have I applied any mods
>to my scanner, however, I believe that without him discovering and
>disseminating his mods, the scanner world would be an infinitely lesser
>community. The speed mods, memory mods, restoration mods, etc., all of
>these mods were first discovered by Mr. Cheek...
>Mr Ed
>jococour@cdsnet.net

Not hardly! With all due respect to the Mr. Cheek and the scanning community much of his information is based on Mr. Parnass's work at Bell Labs. You'll see things in Bill Cheeks books that look real familiar to Bill Parness's work with due credit to him...this leads me to believe that Mr. Cheek is purely in this for his own interests...it's easy to copy and compile. Much of the information in his compilations can be easily found on the internet and are authored by individual certainly not credited in Bill's books.

Obviously he like to prolong the controvery here on the groups becasue it more publicity for him. Here's a though to ponder...do you think it's actually him logging on as an alias?

Let's get back to group theme and forget this fool.

479. Re: National HRO 50R receiver information

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: Dennis Doonan <doonan@cordmc.mke.etn.com>
Message-ID: <4d0ngt$qeh@ns.oar.net>
Source record: 207534

The -T is the table top version -- in a case.
The -R is the rack mount version with the mounting wings for a 19" rack.

The radio itself is the same.

73 de Dennis, KG9DO

480. Re: Fair Price For ICOM 229H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: jer@fc.hp.com
Message-ID: <4d0r2u$jb3@fcnews.fc.hp.com>
Source record: 207535

David P. Baker (dpbaker@lilly.com) wrote:
> What would be a fair price for an ICOM 229H in excellent condition? Box
> manual all included...

> Dave Baker

RE:----------

ICOM-229H value:

Amateur Radio Electronics offered the last sale price for a 229H of $329.
Note that this radio is not "current equipment", nor available new.

Included in the box was:

ICOM-229H, original equipment and functionality: (OE = Original Equipment)
Original, dated purchase receipt (establishes ownership and date).
Original box, with serial number on the outside.
Instruction/Owner's Manual.
High-Power 12V red/black cable w/power connector.
Mounting bracket and screws/washers.
FEATURES:
DTMF keyboard on microphone, with autodialer.
CTCSS subaudible tone encoder.
20 memories.
programmable call channel and offsets.
battery saver mode.

Generally, electronics depreciate approximately 1/4 to 1/2 of their
"last new price", after 1 year.

->I<- value a 229H with serial number > 50,000, with an original
purchase receipt < 1 year old as worth 80% of "last sale price".

AGE SERIAL $ COMMENT
- < 1yr and > 50,000, 80% 229H $263. "$250 ballpark".
- < 2yr and > 40,000, 70% 229H $230. "$220 ballpark".
- < 5yr and > 20,000, 50% 229H $164. "$155 ballpark".
- > 5yr and > 2,000 $100, < 2,000 $80.

--
Jer/ (Slash) Eberhard, jer@fc.hp.com, 970 229-2861 OFFICE, 970 229-3598 FAX
Hewlett-Packard, 3404 East Harmony Rd MS-E8, Ft Collins, CO 80525-9599
C-182 N182H, CFII Airplane & Glider, FAA DEN FSDO Aviation Safety Counselor
CO-CAP Group 2 Cmdr, MSN CheckPilot, PP218 HAM N0FZD, 31 Young Eagles Flown!

481. FT-11R programming Protocol ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: Don Pomplun <pomplun@llnl.gov>
Message-ID: <4d0r5d$6sb@lll-winken.llnl.gov>
Source record: 207536

Can anyone steer me to a source for the serial protocol used to program
the Yaesu FT-11R HT ??
Thanx

Don K2BIO

pomplun@llnl.gov

482. Looking for RF amp/IC28a

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: lazeraud@sentex.net
Message-ID: <4d0ao1$7eh@granite.sentex.net>
Source record: 207537

Greetings. I purchased an IC-28a which is in need of the RF output brick. Does anyone have a cross reference for it (original= SC 1019). Nobody in Southern Ontario has ever hear of it, hi! It is a 25 Watt Brick.

Thanks ands Best 73,

Tedd
ve3tjd

lazeraud@sentex.net

483. WTB:Nye Viking Tuner manual mdl MB-V-A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: rick@enter.net
Message-ID: <4d0q3p$imq@news.enter.net>
Source record: 207538

Hi,
I'm looking for the operator's manual for the Nye Viking MB-V-A antenna
tuner. Will pay shipping,copying,ect. costs.
Please contact me at: rick@enter.net or via packet
at:N3MHW @ N3DPU.#EPA.PA.USA.NOAM
Thanks for reading this.
73
Rick
N3MHW

484. Re: Kenwood TS440S Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: n3ntjmatt@aol.com
Message-ID: <4cvo95$jnb@newsbf02.news.aol.com>
Source record: 207539

I have one that I could copy and mail you.

also..
Do you know of a Kenwood auto tuner problem?
I know of a rig that will draw lots of current when you get to 20 thru 10
m and the AT will not tune for about 5 or 10 min. Then, it is fine.
On 40 and 80m there is no problem.
Has anyone ever heard of this problem or know what it may be?
I am think the tuner but I dunno.
Also, any good, fast Kenwood service areas near Cleveland or Pittsburgh?
thx and 73s
Matt
N3NTJ

n3ntjmatt@aol.com

485. Re: Atlas 350-XL needs repair

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4d0vlr$4bc@mksrv1.dseg.ti.com>
Source record: 207540

You're in luck! Atlas Radio is back in business! See their ad
in the December 1995 issue of _QST_ magazine.

73 de KC5NG

486. Re: Vote here in Favor of Bill Cheek

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: ronkatz@interlog.com
Message-ID: <4d0kq8$8ms@steel.interlog.com>
Source record: 207541
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.misc

charles1@netcom.com (charles copeland) wrote:

>It appears a few snivelling jerks have made an issue of attacking
>Bill Cheek on this forum. Namely: Andy Moss, PjB, and Micheal Alexander.

>Thats it, just three.

>So, I propose everyone vote here if you have found Bill Cheeks
>publications of use to you. They appear all across the nation
>in virtually every Ham store in operation.

Yeh it looks like its sunk into more then just one head...

>VOTE FOR BILL CHEEK:
>--------------------

>Charles Copeland

Who the Fuck cares about the Publications!!!

Man are your idiots missing a few screws.

What Is Bill a God or something? Give me
a fucking brake.

So he has a book out. wippieeeeee Big deal. Its not hard to
do the same kiddies! Becides does that make someone right?

Two seperate issues here guys WAKE UP!

rec.radio.scanner
and
some book

(mods that if you can figure out yourself how to do with
a service manuel then it offers some help)

Whats this Vote CRAP?? More fuel??

As for the Three people taking issue with Bill, better think
again. Not everyone is as stupied as the rest of you and has to
always add his two cents worth. Somethimes it better to say
nothing then to say anything.

As for Andy and Bill They are both trouble makers.

They are acting like children. He said she said. Both want the
last word. Personally I beleave Andy has started the whole thing He
sure has with me in the past. So I'm talking with experience. But It

takes a bigger person to end it. Andy has. Bill continues. So who's better?? None they both are looking for attention and know how to get it.

You kids are just adding fuel to their little flame.

Bills Book if you find it useful is a seperate issue from this newsgroup. Remember that. You talk about how one contributes to this newsgroup then look at the content of their messages not what they are selling.

Wake up Kids Think about what you say before you say it!

Ron Katz
News Cameraman
Toronto Ontario
http://www.interlog.com/~ronkatz/

487. Fair Price For ICOM 229H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: dpbaker@lilly.com
Message-ID: <1996Jan10.092441.7372@inet.d48.lilly.com>
Source record: 207542

What would be a fair price for an ICOM 229H in excellent condition? Box manual all included...

Dave Baker

488. Re: Vote here in Favor of Bill Cheek

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: bcheek@cts.com
Message-ID: <4d10rk$qdl@news2.cts.com>
Source record: 207543
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner

g_reed@icon.net (Glenn Reed) wrote:

> It is tiring seeing all of the messages addressed to this feud.

I take it you think that feeling is legit. Ok. I can handle that.
Now can you (anyone) handle some of the things I am tired of?
There's the rub. One person (not especially you) tires of something
and expects the right to quell it with a command or a plea. Others,
like me so far, simply don't express what we're tired of. When the
tables are turned, however, it's suddenly a different story.

> I don't have a problem using the delete key for messages that are not of
>interest to me,

Right on! Me, too. Or not download those messages in the first
place. Which resolves the hypothetical problem you raise next.

>but I understand that some users of this newsgroup pay by the
>message. This must be particularly irritating to them.

Whooaaa......(1) they are getting ripped off, if that is the case.
What are the bona-fide situations where newsgroups are available only
by the message meter? WHO would tolerate such a thing? Do they not
have alternatives? And if not, then (2) Some newsgroup reader/editors
allow picking and choosing off-line those messages to be downloaded.
The problem you raise here is not one that should merit condescending
by the rest of the crowd. Horses are not allowed on the freeways, and
in many states, neither are bicycles, pedestrians, and underpowered
vehicles (motorscooters).

> That's it, no flames or no finger pointing, just a hope for a reduction in
> broadcast hostilities.

That's cool. But the cessation MUST begin by those who initiate it,
no? I mean.......HOW can the recipients of this bullshit reduce it?
Could the 6-million victims of Hitler's holocaust have reduced the
number of deaths by.......being more placid and peaceful? Ri---ght.

The best possible solution, methinks IMHO, is for those who START it
to STOP it. Well, it is verrrrrry interesting how three of the
biggest perpetrators and continuers of this bullshit are Peter (PjB)
Breath, Michael Alexander, and Andy Moss, though Moss appears to have
ceased and desisted now....and he WAS the ONLY aggressor at one time,
not two weeks ago. HE stirred the shit; he fanned the flames; he kept
it smoldering and buring for a year. And now he's made a graceful
exit leaving Peter (PjB) Breath and Michael Alexander to continue his

dirty work.

Far better you express your hope THESE TWO stop and then see what happens if, and when they do. I have taken steps to start doing my part, but so long as they keep it up, you can't expect me or anyone else to "let it go". No. They will stop. And my resolve on this is carved in basalt and granite.....vote or no vote.....one against a million or a million against one. The record and the facts speak for themselves. Neither Breath nor Alexander had ANY call or provocation to jump in, much less continue these hostilities.

Please address your comments and hopes to THEM where the bullseye stands out like a sore thumb. Shooting from the hip into the dark cannot hit home. "Home" is where I told you, but don't take my word for it. Check the record. Ask around.

Thanks.

Bill Cheek

489. Re: Vote here in Favor of Bill Cheek

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: bcheek@cts.com
Message-ID: <4d10s4$qdl@news2.cts.com>
Source record: 207544
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.misc

michael@alexander.terranet.com (Michael Alexander) wrote:

> what have I said or done that you find objectionable? Cite an
> instance or two,

The objection is how YOU took a flying leap of faith, unprovoked and unneeded, and landed into a whole world of shit. And then had the medicine balls to cry foul and pretend innocence. You had no call to zero in on me when I showed up for Andy Moss. I went for HIM; not you. I didn't know YOU from Waltzing Mathilda at the time.

And then to make matters worse, you're STILL involved in something that never pertained to you; never involved you; and never provoked you. You've done painted yourself into a corner....and instead of seeing where you went wrong, you're STILL lashing out.

Mr. Alexander, you were and remain categorically OUT OF ORDER.
That, sir, is the objection. Like it or lump it, that's the record.

Bill Cheek

490. Re: Address needed for Kenwood parts..

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: dave@diusys.cms.udel.edu
Message-ID: <4d0dn5$dmo@news.udel.edu>
Source record: 207545

Doug Randall (dougrand@i-2000.com) wrote:
: I need a mike element for a Kenwood MC50. Does anyone know a phone
: number, fax number or address to write?

: Thanks, Doug KN2Y

You cannot buy parts direct from Kenwood US, you have to go thru
a distributor. East Coast Transistor Parts (800) 637-0388.

73, dave wa3u

491. Re: Vote here in Favor of Bill Cheek

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: bcheek@cts.com
Message-ID: <4d10ud$qdl@news2.cts.com>
Source record: 207546
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.misc

tsmith@ici.net wrote:

>Not hardly! With all due respect to the Mr. Cheek and the scanning community
>much of his information is based on Mr. Parnass's work at Bell Labs.

Excuse me? Beg your pardon? You get down and state EXACTLY what you
think is Mr. Parnass' work. Better still, you get HIM to confront me
here, if HE thinks I plagiarized his work. You understand me? I'm
getting "virtually" pissed at this crap, first initiated by Moss and
then you. I don't plagiarize, period. I had never heard of Mr.
Parnass during the course of my first two books, and there is nothing
in the 3rd to even resemble his work. But not in the first two,
either. Why don't you let Mr. Parnass vocalize this shit if he thinks
it. You certainly are in no position to speak for HIM or me. And if
Mr. Parnass published anything at all that resembles what's in my
books, it is possible that he got the ideas or the procedures from ME.

You never looked at it that way, now did you?

> You'll see things in Bill Cheeks books that look real familiar to Bill Parness's work

Like what? What "things"? Put up or shut up. Don't pop off your
mouth unless you can back it up. Spit it out. Task me with your
specific accusations right here. I will address each one. Otherwise,
the diarrhea of your mouth is dribbling down your shirt from that hole
in your lip.

>with due credit to him...this leads me to believe that Mr. Cheek is purely in
>this for his own interests...it's easy to copy and compile. Much of the
>information in his compilations can be easily found on the internet and are
>authored by individual certainly not credited in Bill's books.

If these mods are on the Internet, then they were plagiarized from my
books. I know the source and history of every item in my books, and
either credit was rendered to the source, or I did the development and
research! Without exception. If you bothered to READ, you'd see this
to be the case. So put up or shup up. dingleberry!

>Obviously he like to prolong the controvery here on the groups becasue it more
>publicity for him. Here's a though to ponder...do you think it's actually him
>logging on as an alias? Let's get back to group theme and forget this fool.

Go ahead. That's your business. But when you dabble in libelous
statements, you and me are going to do a little rockin' of the boat,
and I hope you can swim.

Now let's set the record straight about Mr. Parnass. There was ONE instance where I may have published something of his. It was in a column for Monitoring Times a couple or three years back...where a reader sent me a "procedure" for VLF tuning an ICOM R-71. I published it in my column. A few months later, Parnass told Monitoring Times the procedure was his. As far as I am concerned, it's hearsay and unsubstantiated, but we apologized and that was that.

Since then, I have been reluctant to accept ANY outside input for further publication, because I have neither the time nor the resources to track down every little tidbit of information that comes my way.

However, you or Mr. Parnass should get down and dirty with what you've just shit out of your mouth above, because this is one area I am NOT going to take sitting down. Moss started it; you're keeping it going; so ask me specific questions and let's get this resolved. NOW.

Bill Cheek

492. WTB TNC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: ac032@freenet.hamilton.on.ca
Message-ID: <4d0q8n$493@main.freenet.hamilton.on.ca>
Source record: 207547

Looking for a TNC for 2 metres something similar to a PK, TPC or MFJ details to this board

Geoff VE3WP

--

493. Re: HTX-202,HTX404 external mic mod

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: gsnow@pacifier.com
Message-ID: <gsnow-1001961154310001@mac1.pacifier.com>
Source record: 207548

In article <4cg29h$cr6@useneta1.news.prodigy.com>, SJJK62A@prodigy.com (K Short) wrote:

> There is a mod that will overcome the weak ext mic audio problem of the
> HTX 202 and 404 rigs. Check out:
> http://pages.prodigy.com/CA/LA/htx202htx404/htx202htx404.html

I tried that mod, and I can't get it to work as described. Now, I many have a difficult time understanding some of the instructions that were given, but it looks right from all of the information that appear on the above page.

I can present a before and after schematic of what I did, and then someone could tell me where I went wrong. I really want to get this going.

Gary
---
gsnow@pacifier.com <----====()====-----> http://www.pacifier.com/~gsnow/
Vancouver, WA's On-Ramp to the Information SuperHighway (360) 693-0325
telnet to "pods.pacifier.com" (press return 2x) or dial the above to register

494. Yaesu G-800SDX computer control.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: "Jordi C." <ea3aqr@bcn.servicom.es>
Message-ID: <4d00ro$k2s@ns.bcn.servicom.es>
Source record: 207549

Hi
I would like to control my G-800SDX rotor via my PC without buying an
expensive interface card. Anyone knows how?.
Thanks in advance for all information.

Jordi Carnï¿½
ea3aqr@bcn.servicom.es

495. Re: TM-742A Sudden Total Radio Failure

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: Eddie Caffray <caffraye@magnum.wpe.com>
Message-ID: <30F46144.3F12@magnum.wpe.com>
Source record: 207550

Bill Harwood wrote:
>
> Alan Raskind <alan.raskind@trw.com> wrote:
> >Has anyone ever had their TM-742A suddenly fail on them, that is trying
> >to turn it on and it does't come on at all. Pushing the power button
> >repeatedly does no good. Dead. The interface cable between the display
> >"head" is also ok.
> >
> >All fuses and power lines are ok. No surges took place. This happened
> >in the car with the engine turned OFF. Any suggestions as to what might
> >have happened.
> >
> >Would appreciate any help. Thanks in advance,
> >
> >Alan WA6AQC
>
> I have seen my 942 act strange, turn on and off and hang up with the back light but no display, with marginal battery voltage. Do you
possibly have some exces
>
> Good Luck
>
> \---/
> \ Bill Harwood U play it, I'll dance it /
> \ AB6DY or /
> \ I'll play it, U dance it /
> \---/

My 742A had a cold solder joint on the positive lead on the main circuit board.It just let go one day.

--
Eddie N2XDS

http://www.wpe.com/users/caffray/ham.html

496. Bendix/King hand-unit programming

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: wm8s@citynet.net
Message-ID: <4d1ccl$3gj@news.citynet.net>
Source record: 207551

Just ordered two used Bendix/King 210 channel hand units (EPH's??) to add to the 40-some the City already owns. In an understandable move of self-preservation, the local shop still won't sell me a programming cable.

Since we're a disaster communications team, chances are great (read that "100%") that we'll have to do extensive reprogramming in the field on a mission-specific basis. Anybody know where I can get the required programming cable? Will King sell me one? We have the software, but only one cable, and it doesn't actually belong to the team. I know the radios are "sort of" field programmable manually, but we usually don't have that much time to spare. I'm spoiled with the TK630/730/830 rigs and their great software.

Rob Bailey, WM8S (wm8s@citynet.net) Kanawha / Charleston
Bailey Computer Systems Radio Amateur Civil Emergency Service

497. IC-706 schematic ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: hduff@humnet.humberc.on.ca
Message-ID: <8213108152002@lss.humnet.humberc.on.ca>
Source record: 207552

Anyone know how to go about aquiring a schematic
for the IC-706. Not only did I not get a mobile
mounting bracket for it but no schematic !!!
I hope its not an "option" too ! (ie...must purchase
the service manual to get a schematic ???)

Hugh Duff VA3TO Toronto

• NFX v1.3 [000]

498. TSCM Counter Surveillance & Technical Security Page

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: jmatk@tscm.com
Message-ID: <jmatk-1001962020240001@jmatk.tiac.net>
Source record: 207553
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,comp.security.unix,de.comp.security

```
We now have over 600 pages of materials on-line, over 200 photographs,
hundreds of frequencies... and we're growing rapidly

http://www.tscm.com/

Detailed listing of tools
Comprehensive reviews of TSCM equipment
Huge Publications listing
Comments on TSCM training courses
================================================================
James M. Atkinson "...Shaken, not Stirred..."
TSCM.COM
127 Eastern Avenue #291
Gloucester, MA 01931-8008
URL: http://www.tscm.com/ E-Mail: jmatk@tscm.com
================================================================
The First, The Largest, The Most Popular, and the Most
Complete TSCM Counterintelligence Site on the Internet
================================================================
```

499. KAgold question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-10 00:00:00 UTC
From: trandall@mhv.net
Message-ID: <4d11fq$735@over.mhv.net>
Source record: 207554
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

Just tried the test version of KAGOLD. When I exited and tried using
my packterm again it does not accept commands!!! I had this problem with
another program and had to HARD reset the tnc. Packterm may be a very
basic program but it doesn't give me fits like the other ones I try. I
actually like it. I fear I now have to hard reset the tnc (Again) and it's
a pain to have to reset all my settings. Is there away around this? Why
does these other program screw around with the tnc settings to begin with?

Help via e-mail appreciated!!

Tom

Tom Randall Amateur Radio - KB2SMS
trandall@mhv.net Mt. Beacon Amateur Radio Club / ARRL
Member: AAVSO Solar Division

Opinions herein are mine and they are not that of MHV.NET!

500. CAP and MARS???????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: charlie@netdepot.com
Message-ID: <charlie-1101961707590001@thebe08.netdepot.com>
Source record: 207355

The subject line says it all. What is this CAP and MARS stuff I've seen advertised on some HTs and mobile units?

501. Re: Vote here in Favor of Bill Cheek

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: bcheek@cts.com
Message-ID: <4d3jhg$4sl@news2.cts.com>
Source record: 207356
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.misc

tsmith@ici.net (Tim Smith) writes:

BC>Bottom line is that you have an axe to grind and we're going to
BC>get to the bottom of it. I can't imagine what, but your lack of
BC>candor and vicious attack is more than provocative.

TS> But doesn't your reation to my lack of candor tell the populas
somethhing?

It should scream I am not afraid to deal
with your allegations up front, in public.
When a person has something to hide, he really
doesn't want it laundered in public, now does he?

Kind of like how you don't want to discuss
this on the public forum anymore. You're a
sleazeball liar and it is probable that I
can prove it with facts if we deal in public
where you spewed the venomous lies.

TS> Most personalities would simply ignore an alegation
TS> if there were no truth...

Would they now? Have you ever wondered why there are
so few or no "personalities" live and up front on the
radio newsgroups? Do people lie about them, too?
No wonder they're not present.

And it depends on the allegation. If you spouted
that I knew nothing about scanners, that would be
laughable and ignorable. To accuse me of plagiarizing
in general, is in-between. Maybe good for a chuckle
and a retort. To accuse me of plagiarizing Bob Parnass'
work is utterly despicable; not funny; and not ignorable.

Furthermore, your lying casts a pall over Mr. Parnass, too.
You see, questions immediately arise out of your mindless
thoughtlessness:

"Does your allegation that I plagiarized Mr. Parnass'
work come from YOU, or does it come from HIM?" "Did you
hear something from HIM on this note?" "Is HE saying
I plagiarized his work?" If HE said it, then I need
to deal with HIM.

Plagiarizing is WRONG. If a wrong has been done, then
it needs to be made right somehow. I don't know what
needs to be made right until it is established that
you're lying or telling the truth. You can't possibly
be telling the TRUTH unless you heard it from Mr. Parnass.

If so, I need to deal with *him*; not you.

Yet, in my good conscience and knowledge, I have not
plagiarized any works of others, and it is a gut-shot
that you blew Moss's trumpet. This matter now needs a
resolution.

When a lying sonofabitch steps over that fine line
between harmless and harmful, all bets are off. Your
spew is designed to cause me harm and loss. I am not
playing to the crowd, Smith. I am taking to YOU. But
you spewed your venom in public; we will resolve it there.

I am just a dude, Smith. I have a life, a livelihood,
and a family, all of which are within the target of your
vile, nasty lies. You went for my juglar; the kill.

Pardon me if I counter....not with lies, but with truth.
And I will deal with it until the matter is resolved.

In public.

Bill Cheek

+---+
| Bill Cheek E-mail: bcheek@cts.com FidoNet: 1:202/731 |
| COMMtronics Engineering Compuserve: 74107,1176 |
| World Scanner Report Voice Phone: (619) 578-9247 1:30pm-5:30pm |
| PO Box 262478 BBS & FAX: after 5:30pm & before 1:30pm |
| San Diego, CA 92196-2478 24-hrs, weekends/holidays |
| WWW home page: http://ourworld.compuserve.com/homepages/bcheek |
+---+

502. Re: RADIO SHOW/SWAP MEET IN THE N.Y. DOWNSTATE AREA??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: sphipps@axp2.umkc.edu
Message-ID: <1996Jan11.190913@axp2.umkc.edu>
Source record: 207357

In article <4ctjg0$p6s@newsbf02.news.aol.com>, tac63@aol.com (Tac63) writes:
> Can anyone please advise me if there is a radio show/swap meet in the N.Y.
> area, preferably in the downstate area. Looking for Used Motorola
> Equipment. Thanx in advance.
>
> Ron
> TAC63@AOL.COM
> TAC63@AOL.COM

The ARRL's WWW site has one of the best hamfest lists that you will find anywhere. Try them at http://www.arrl.org.

Stephen - N0LNY

503. fs: KENWOOD TH-79(AD) - Available NOW!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: scanware@sincom.com
Message-ID: <4d2151$7bq@news.cais.com>
Source record: 207358
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

Mint condition. Kenwood TH79(AD) dual band HT.
Extra battery.

$375. firm

This is a private sale but I can accept Visa, MC, or American Express.

Gene / KG7XD

ScanWare Associates
http://www.sincom.com/~scanware/index.html
email: scanware@sincom.com
BBS 360.8714228 or 360.871.4591

504. Help Rq'd for Kenwood TKM 707 Interconnection

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: ap572@FreeNet.Carleton.CA
Message-ID: <DL077v.JHE@freenet.carleton.ca>
Source record: 207359

Hi

I am trying to get a phone patch connected to this xcvr. I do not have a schematic on how to connect the mic portion onto the phone patch. There are no interconnections at the rear of the rig for mic interface.
Can anybody shed some light on this matter?

Thanks
Bing
VE3CDQ
--
_____
B.H.

505. Re: Yaesu FT470 What is a fair price?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: rhelton@netcom.com
Message-ID: <rheltonDL14GJ.E52@netcom.com>
Source record: 207360

Chris Weddle (cweddle@astro.as.arizona.edu) wrote:
: rhelton@netcom.com (Richard Helton) writes:
: >I have an opertunity to buy a FT470. The unit has had mods done and has
: >an extra battery. What would be a fair price to pay for this unit. It
: >is in very good condition. Your opinion is most welcome!
: >rhelton@netcom.com

Many thanks to everyone who responded.. Your advice and assistance is
appreciated!
--
rhelton@netcom.com

506. Re: Manuals for FT-5100

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: wd6dih@ix.netcom.com
Message-ID: <4d29up$ea8@ixnews8.ix.netcom.com>
Source record: 207361

Yaesu does offer a second sindgle sheet which shows cross-band repeat operation.

Here is what you do for Cross-band Repeat Mode:

- Turn OFF the radio
- Press and hold the RPT button while turning on the Radio
- Your now in the X-Band mod.
- Repeat again to turn OFF the Cross-band repeat mode.

Good Luck and 73's

Kevin

In <4ceulp$t86@cloner2.ix.netcom.com> j.crutch@ix.netcom.com(John Crutcher) writes:
>
>I Have a Yeasu FT-5100 New out of the box. It comes with one Operation
>manual witch shows the basic commands and how to turn on the radio. My
>questions is shouldnt there be a second manual that goes with this
>radio for functions like cross band repeat that the original Operation
>Manual did not include. I know the radio can do much more than the
>manual indicates.
>
>If anybody knows if there is more information and where to get hold of
>it. Any help would be Great...
>
>Thanks...
>KC4DUU (John Crutcher)
>
>
>--
>
>
>
>
>--
>| John Crutcher \ Specializing in CAD |
>| Lexington Kentucky \ MicroStation |
>| j.crutch@ix.netcom.com \ AutoCad |
>--

507. Wanted-Icom-551

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: Rick Perry <kg7a@wolfenet.com>
Message-ID: <30F50FFE.1B7E@wolfenet.com>
Source record: 207362

Anyone out there have an old IC-551 for sale?

Rick
KG7A

508. Modifying IC3210 for 9600 Baud packet?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: Jim Cummings <jcumming@clark.dgim.doc.ca>
Message-ID: <4d35hn$p5b@crc-news.doc.ca>
Source record: 207363

Good Day:

Has anyone had any success in modifying an IC3210A on the UHF band for 9600 baud packet? We have a local repeater for the baud rate and I would prefer to modify my rig rather than having to shell out money for another rig.

In advance, thanks for any advice.

73 and live better digitally
Jim, VE3XJ

509. Re: equipment list

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: wagnerj@watt.oedison.com
Message-ID: <4d3heg$10j2@watt.oedison.com>
Source record: 207364

On 11 Jan 1996 02:53:11 GMT richesop@cici.com (Peter D.Richeson) wrote:

>Does any one know of a good listing for used equipment. not a fs list but a
>list that will tell me somthing about a pice of equipment. For example: I
>see an add for an IC900. What the heck is it. What are its specs. How long
>has it been on the market.

>I am trying to get into VHF/UHF ssb work and don't realy know the equpment.
>--
> | Peter D. Richeson/KA5COI
> ---+--- richesop@cici.com
> | "...There's only one life and when comes the last call
> | We'll find that the Bible was true after all!" -- Bethany Farms
> **
> http://www.cici.com/~richesop

This isn't exactly a list, but I usually use old QST magazines. There is
always some guy at a hamfest or in the club that will either give you old
magazines, or sell them for 10 cents a piece. When I find a stock, I grab
one from about every 6 months or so. You're almost guaranteed to see the
original ad in one of them.

John Wagner wagnerj@watt.oedison.com

For Encrypted Mail: PGP Public Key Available upon Request

510. Kenwood TS-520SE question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: Phil Hawkins <PHIL_HAWKINS@QMGATE.INCYTE.COM>
Message-ID: <DL1FJ2.3Ex@incyte.com>
Source record: 207365

Does anyone out there know what the AUX postion on the band selector means? There is no reference to this in the owners manual.

Also does anyone know where I can get ahold on a DG-5 digital display for that transceiver. I am VERY interested in attaining one.

Thanks
Phil
Hawkins (KA6MZE)

511. Re: SGC-230 Ground????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: Dick Harper <dharper@kumc.wpo.ukans.edu>
Message-ID: <1996Jan11.161237.111647@kuhub.cc.ukans.edu>
Source record: 207366

Gas pipes don't always make a good ground. Mains and services are often plastic.

Electrical currents on gas pipes can create havoc with cathodic protection causing thin spots or holes in mains and services.

Gas traveling through the earth through one of these holes can lose its odorant, accumulate in a basement, and be ignited without warning.

Suggest you find a different ground... Perhaps guttering.

The pictures I have seen of the SGC tuner show it mounted on a metal vehicle body. Perhaps some random cheets of heavy aluminum foil would create a better ground plane.

Good luck,
de N0USP, Dick (I spent 13yrs. with a gas co.)

512. Info

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: fred@sol1.lrsm.upenn.edu
Message-ID: <4d3mtj$ck@netnews.upenn.edu>
Source record: 207367

Does anyone have the 800 number for Periphex Battery Co in Ct.?

513. Re: Atlas 350-XL needs repair

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4d34lj$pc8@mksrv1.dseg.ti.com>
Source record: 207368

>Is this the same Atlas Radio that took buyer's funds on a pre-
>distribution basis and still hasn't delivered product? Or has that
>situation been resolved?
>
Beats me. I just saw the ad in QST and thought maybe this guy
could look into it and maybe get his radio fixed. I have no
idea who runs the business, if they can be trusted, etc.

73 de KC5NG

514. Re: Yaesu FT102 Plus Extras

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: mwhite@mitre.org
Message-ID: <mwhite-1101960903230001@m14494-mac.mitre.org>
Source record: 207369

COLERK@potsdam.EDU wrote:

> Greetings....I have just recently been contacted by an elderly lady whos
> husband has become a Silent Key in the last year. She is trying to clean
> out his shack and asked for my help....In the shack is an FT102 with the
> FV102 Digital VFO, FC102 Antenna Tuner, FC102 Speaker, and FC102P Speaker
> with Patch. I am not sure of the condition... What could she expect
> to get for the FT102 and accessories?

The FT-102 was marketed in the early-to-mid 1980s, and was never very popular in the US; it did much better in Europe and Asia. It's a pretty good radio, although by today's standards fairly feature-poor. It has an odd final amp configuration: three 6146Bs in parallel. There's also a driver tube; the rest of the radio is solid state. There are many, many DIP relays in this rig, and they have a tendency to go resistive; relay replacement is a fairly standard fix, and is not particularly cheap. There is a guy who advertises in QST who specializes in this. The digital VFO is very nice, but has only 6 memories. The tuner works fine, and will handle 1.5 KW, but is a straightforward manual tuner, not automatic. The whole package together should fetch something like $700 - $800 depending on cosmetic condition, assuming it all works with no problems. There are a few FT-102 weenies out there (I used to be one :-) who might be interested in parts (especially the tuner; they're not all that common), so it's possible that you might get a bit more if you sell them separately. Best of luck.

Mike, N4PDY

--
mwhite@mitre.org

My opinions are my own, not my employer's.

515. WANTED - HICKOK 750-52 SERIES TUBE TESTER - ahick [1/1]

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: l.mclaughlin@popmail.csuohio.edu
Message-ID: <4d3ss8$22q@csu-b.csuohio.edu>
Source record: 207370

Looking for a bargain basement/swap meet priced Hickok 750
series or Hickok 752 series dynamic mutual conductance tube
tester.

I was looking for some of the TV-7 models, but discovered these
higher end Hickok units do not go for that much more in good
condition as reported by some net folks who have purchased them
at such events locally.

If interested email me with a your Hickok's model # and a price.

Thank you.

P.S. Hickok is still in business, but no longer has any information
on their older test gear. (Only the present line of automotive test
gear.)However, since Hickock machines were fairly popular,
I'm sure a reprint of the manuals could be obtained.

516. Re: Vote here in Favor of Bill Cheek

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: Gerald Schmitt <kc5egg@eule.lanl.gov>
Message-ID: <4d38ns$4pn@newshost.lanl.gov>
Source record: 207371
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.misc

I believe Charles Copeland did the first cross post to the non scanner radio groups. As I e-mailed to Mr Copeland this flame war is of little interest to the non-scanner crowd.

Bill Cheek you are doing yourself much more harm than good reputation wise by posting before regaining your temper. I have read your books and columns and in the past had some respect for you and your efforts. I too, have a temper, but your postings particularly with the challenges and foul language do little to shore up your public image. If the intent of your adversaries is to make you look bad you are helping them tenfold with your "defense". I know my respect for you has been diminished and I am sure the respect of others has also.

73 Jerry

517. Re: YELLOW CAB CO IS LOOKING RADIO PARTS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: Dick Harper <dharper@kumc.wpo.ukans.edu>
Message-ID: <1996Jan11.161557.111648@kuhub.cc.ukans.edu>
Source record: 207372

About 20 yrs ago I sold equipment from Reach Electronics.

They had an ID system that could be added to a system and read-out which radio was transmitting.

I don't know if they are still around.

Hope this helps,

de N0USP, Dick

518. Re: TH-79A mod ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: jmleveron@socketis.net
Message-ID: <4d2rce$nh7@news.socketis.net>
Source record: 207373

William,
>William Lagerberg (william@euronet.nl) wrote:
>: Yes there is a yellow wire in the inside you have to cut it.

I performed the ("green" wire, in my TH-79A(D)) Mars/Cap mod,
and it opened up 420-450 TX/Rx. This should do it; usual
disclaimers apply. The wire should be right by the PL/CTCSS
tone board slot (TSU-8).

Enjoy, and let me know your results, please.

"The Second Amendment guarantees all of the others . . ."
A reminder from jmleveron@socketis.net

SysOp, The KATN BBS (314)896-9309 28.8k 24 hrs. Wildcat 4 SL
(focus on privacy, encryption, firearms info, call for more!)
PGP PubKey fingerprint = A0 19 3E 2D E4 31 02 97
87 FB 62 DA 9F 94 24 77
2047 bit key, strong encryption for the average citizen :)

519. Re: Recommend fast charger for AA Nicad Cells

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: dgf@netcom.com
Message-ID: <dgfDL0v25.C7u@netcom.com>
Source record: 207374

In article <DL0DL4.1y1@rci.ripco.com> duane@ripco.com (Duane Whittingham) writes:
>Anyone use the Renewal system? I was thinking about getting into it.

Yes. The cells are really designed for low-current, long-duration applications. If you try to get more than about 0.1C out of a cell, it's amp-hour capacity drops really quickly. Bad news for ham usage which involves transmitting. Works fine for low-current receiver & accessory applications. Ray-O-Vac publishes some pretty detailed product information brochures & spec sheets for OEM usages and you can get it from them. In a nutshell I wouldn't use the cells in anything with an uneven or high current drain requirements.

73 Dave WB0GAZ dgf@netcom.com

520. Re: Kenwood TS-520SE question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1DL1GBs.F45@netcom.com>
Source record: 207375

In article <DL1FJ2.3Ex@incyte.com>,
Phil Hawkins <PHIL_HAWKINS@QMGATE.INCYTE.COM> wrote:
>
>Does anyone out there know what the AUX postion on the band selector
>means? There is no reference to this in the owners manual.

I have a TS-820. I am guessing the AUX refers to use of fixed internal
crystals to select frequency. There are 4 on the TS-820, but it
doesn't say AUX, but FIX.

>Also does anyone know where I can get ahold on a DG-5 digital display for
>that transceiver. I am VERY interested in attaining one.

Those are rare as hens teeth. There is an after market outfit
that sells them for $200 brand new. You could almost buy another
TS-520 for that.

I have a Sony 2010 general coverage receiver I use. Set it up
to receive with antenna down and RF antennuator all way down.
Crank up rig and adjust till voice matches what you hear on 2010.
Then you are exactly on frequency, or very close.

521. Yaesu 757GX repair tips?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: smason@agt.net
Message-ID: <30f558fc.511190773@news.agt.net>
Source record: 207376

Hi all, I have a flakey 757 that I'm about to repair for the third time, and was wondering if anyone has experience with repairing this model.

Previous repairs were to replace the keyer cpu that fried after transmitting into a very non resonant antenna. The rig has always seemed sensitive to having tx rf in the shack, and I added a few bypass capacitors to the keyer inputs to try to avoid more problems. Now it's having a problem where the display goes blank. I suspect a bad solder joint, but while I'm in there, I thought I'd check to see if anyone has any recommended mods, or tips on other things to check.

Thanks,

Steve VE6STV

522. Re: KAgold question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: kjones@sun-link.com
Message-ID: <30f58b68.53198298@news.netrax.net>
Source record: 207377
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

Once upon a time, trandall@mhv.net (Thomas Randall) wrote:

> Just tried the test version of KAGOLD. When I exited and tried using
>my packterm again it does not accept commands!!! I had this problem with
>another program and had to HARD reset the tnc. Packterm may be a very
>basic program but it doesn't give me fits like the other ones I try. I
>actually like it. I fear I now have to hard reset the tnc (Again) and it's
>a pain to have to reset all my settings. Is there away around this? Why
>does these other program screw around with the tnc settings to begin with?
>
>Help via e-mail appreciated!!
>
>Tom
>
>
> Tom Randall Amateur Radio - KB2SMS
> trandall@mhv.net Mt. Beacon Amateur Radio Club / ARRL
> Member: AAVSO Solar Division
>
> Opinions herein are mine and they are not that of MHV.NET!
It has probably placed your TNC in "Host" mode; you probably like to
have it in Converse mode.

If you recall what speed you were using for the Gold demo, match
that speed with your terminal program (if it differs) and attempt to
send three plus signs. Some TNC return to converse mode with that
sequence.

Alternatively, set your Other tnc program to Host mode and off you
go!

Ken

Ken Jones (kjones@sun-link.com) Amateur Radio callsign KB3JA
McLemore/Jones -- Hanover PA USA Tel/Fax +1-717-633-1939

523. Recommendation for mobile 2 meter?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: jgkamm@mis.net
Message-ID: <4d3r65$abl@netnews.mis.net>
Source record: 207378

I would like to purchase a mobile 2meter that will work equally well
as a base unit, including packet use. any recommendations?
i just need FM mode
thanks
john

524. WANTED: Service Manual for FT-4700RH

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: moyers@cti-pet.com
Message-ID: <moyers.8.0000ADE2@cti-pet.com>
Source record: 207379

I have recently acquired a used Yaesu FT-4700RH dual-band xcvr. I am experiencing a problem with the power switch and would like to acquire a copy of the service manual for this rig. The owner's manual does not even have a schematic in it!

I will pay all copying/shipping costs or will copy and return. Help!!!

As an alternative, does Yaesu sell service manuals for radios no longer in production? Phone #?

525. WTB: USED/AFTERMARKET PROGRAMMING CABLE FOR RADIUS/MAXTRAC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: tac63@aol.com
Message-ID: <4d3dr4$414@newsbf02.news.aol.com>
Source record: 207380

Looking to buy a used or after-market programming cable for a Motorola Radius(Mobile Radio) or a Motorola Maxtrac(mobile radio). Please e-mail me with details. Thanks in advance.

Ron
TAC63@AOL.COM
TAC63@AOL.COM

526. Re: Icom 706 MARS Mod ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: Bob Fritz <bfritz@sd.inri.com>
Message-ID: <4d3sc4$dde@gozer.inri.com>
Source record: 207381

The diagram I'm looking at shows it to be on the top of the radio, slightly to the left of center. It appears to be one of those diodes in a carrier widgets. The p[icture shows it to be the second from the left if the front is toward you and you look down on it. It shows space for five of the diode widgets, with spaces 1,2, and 5 occupied. Number 2 is D59.

I haven't done it, nor do I have the radio. I am just telling what I found in a book.

527. TM-742A Sudden Total Radio Failure

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: Alan Raskind <alan.raskind@trw.com>
Message-ID: <30F57B5B.8C5@trw.com>
Source record: 207382

Eddie Caffray wrote:
>
> Bill Harwood wrote:
> >
> > Alan Raskind <alan.raskind@trw.com> wrote:
> > >Has anyone ever had their TM-742A suddenly fail on them, that is trying
> > >to turn it on and it does't come on at all. Pushing the power button
> > >repeatedly does no good. Dead. The interface cable between the display
> > >"head" is also ok.
> > >
> > >All fuses and power lines are ok. No surges took place. This happened
> > >in the car with the engine turned OFF. Any suggestions as to what might
> > >have happened.
> > >
> > >Would appreciate any help. Thanks in advance,
> > >
> > >Alan WA6AQC
> >
> > I have seen my 942 act strange, turn on and off and hang up with the back light but no
display, with marginal battery voltage. Do you
> possibly have some exces
> >
> > Good Luck
> >
> > \---/
> > \ Bill Harwood U play it, I'll dance it /
> > \ AB6DY or /
> > \ I'll play it, U dance it /
> > \---/
>
> My 742A had a cold solder joint on the positive lead on the main circuit
> board.It just let go one day.
>
> --
> Eddie N2XDS
>
> http://www.wpe.com/users/caffray/ham.html

Eddie,

Never thought that it might be that simple, but it certainly worth a
look. I have noticed that when the car headlights, and air condx. are on
all together, that (especially on 6M at 50W, more than 440) it will XMIT
and then suddenly shut down. If you hold the PTT down, it will try to
XMIT again and repeat the cycle over and over, suggesting that it could

be a cold solder joint. Will have to investigate. Kewood suggested that it probably was 1 or 2 blown IC's from a surge. Don't know what to think, but will have to look and see.

Thanks again for the suggestion, was looking for something much less gross.

Alan, WA6AQC

528. Re: Vote here in Favor of Bill Cheek

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: bcheek@cts.com
Message-ID: <4d41js$5k2@news2.cts.com>
Source record: 207383
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.misc

Tim Smith (tsmith@ici.net) writes:

BC>>You say "ignore the bastards"? Right. Well, in the year I
ignored
BC>>Moss, he must have convinced TSMITH and Michael Alexander, to name
BC>>two. Oh, and lest we forget, there's Peter (PjB) Breath and a few
BC>>other squeaking wheels following in Moss's traditions. He must
have
BC>>convinced them, too. Yup, that's what "ignoring the bastards"
gets.

TS> I have no association with the above gentlemen. My observations
are independant.
TS> I see you've pissed off someone at Prentice...nice job..did you go
to school for that
TS> specialized form of marketing?

I am not in the newsgroup for marketing. Radio is my hobby, too.

If someone at Prentice Hall is pissed, so what? I have other friends
there, some well placed. <shrug>

If your observations are "independent", then why will you not confront
me with them in public in the offhand chance you failed to observe
very
clearly; i.e., you made a mistake?

You levied an accusation against me of profound magnitude. Why will
you not give me an opportunity to deal with it; to answer to it?
Obviously, your intentions are rather foul.

You're saying Hobby Radio and notably scanning would be better off
if you "killed me" or ran me off?

Bill

+---+
| Bill Cheek E-mail: bcheek@cts.com FidoNet: 1:202/731 |
| COMMtronics Engineering Compuserve: 74107,1176 |
| World Scanner Report Voice Phone: (619) 578-9247 1:30pm-5:30pm |
| PO Box 262478 BBS & FAX: after 5:30pm & before 1:30pm |
| San Diego, CA 92196-2478 24-hrs, weekends/holidays |
| WWW home page: http://ourworld.compuserve.com/homepages/bcheek |
+---+

529. Re: FT757GX Computer control?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: smason@agt.net
Message-ID: <30f557fc.510934849@news.agt.net>
Source record: 207384

cc by Email

On Sun, 07 Jan 1996 02:48:56 -0500, clefebvr <clefebvr@hq2.walldata.com>
wrote:

>Has anyone out there successfully interfaced any of the common Windows
>rig control pakages (ProCat, RigWindows, CAT757, etc...)with a Yeasu
>757GX? I have not had much luck to date. If so, what hardware interface
>did you use and what software package(s) were you successful with.

I got mine (GX, not GXII) to work with no trouble, simply using a 1488, or
1489 chip, and a few capacitors. I wrote my own software as a projct for a C
class I was taking at the time.

What sort of problems are you having?

Steve VE6STV

530. Re: Info

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: pelt@vt.edu
Message-ID: <pelt-1101961517230001@box185.ams.vt.edu>
Source record: 207385

In article <4d3mtj$ck@netnews.upenn.edu>, fred@sol1.lrsm.upenn.edu (Fred Hellmig) wrote:

> Does anyone have the 800 number for Periphex Battery Co in Ct.?

Try 800 555-1212.

--
Ranson J. Pelt
pelt@vt.edu
QST de nz4i

531. wanted mods for IC736, ic737(A) and IC738

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: Martin.Rask@mailbox.swipnet.se
Message-ID: <4d46jc$709@mn5.swip.net>
Source record: 207386

Hello and thanks for reading this !! :-) is there anyone outthere who
has any mods for anyone of these three radio's ?? could be anyting from
improving RX to how to get expande TX. I would really appriciate any mod
at all for these radio's (havent seen any at all passing arround) so is
there anyone who has a mod outthere please send it to me.
Best 73's De SM7VHS /Martin hope to hear you on the bands.

532. Re: FT1000MP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: Paul Christensen <paulc@jax.se.continental.com>
Message-ID: <4d42k9$fc3@usenet.continental.com>
Source record: 207387

wa8msf@aol.com (WA8MSF) wrote:
>Hi Bob!
>
>I've had an FT-100MP for several months. After I had used it for just a
>few weeks, I noticed that I wasn't using my FT-1000D anymore. The 'MP has
>better sounding audio on receive, if you can beleive that. I recently
>bought and installed every accessory filter available, so that brings the
>'MP up to the filter compliment of the '1000D. I just sold the FT-1000D
>Simply put, I love my FT-1000MP.
>Mike WA8MSF@aol.com

I too have the new FT-1000MP. After owning an FT-1000D for several
years, I can truly say that the new "MP" is "head and shoulders" above
the "D" in several key areas:

533. Re: What's a "Boatanchor"?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: smith_j@WVLINK.MPL.COM
Message-ID: <smith_j-1101962120020001@slip2.mpl.com>
Source record: 207388

In article <Pine.BSI.3.91.960104141748.2867A-100000@cais3.cais.com>, USCG TELECOMMS <gttm@cais.cais.com> wrote:

> Any radio that's more than 5 years old is considered a good boat anchor.
> Be aware though, that there are some exceptions, such as a ts-180s,
> ic-735, etc; they are not heavy enough.

:-))) Just today, a fellow ham called my old rig a boat anchor. The Heathkit HW101. This is real amateur radio, when blessed with the opportunity to own and operate one of these sets. I would rather own a boat anchor than one of the new transitorized radios today. Real amateur radio involves doing for yourself, such as building your own antenna beam or stringing a long wire from one tree to another...it's a hands on hobby with real rewards. I love ham radio and I love the old boat anchors. Just my 2 cents worth.
73's KB8YVN

534. Re: Q:Mods to Realistic HTX 202 HT?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: gsnow@pacifier.com
Message-ID: <gsnow-1101961106070001@mac1.pacifier.com>
Source record: 207389

```
In article <4csf2q$mod@darwin.i3s.net>, @ wrote:
>
> You are right..THERE ARE NO MODS FOR THE HTX-202..A friend of mine helped
> beta test the thing before it came out and he knows the main designer..

Oh yeah?? Then whats with the low external speaker/mike problem? Maybe
you can pass that on :-)

Gary
---
gsnow@pacifier.com <----====()====-----> http://www.pacifier.com/~gsnow/
Vancouver, WA's On-Ramp to the Information SuperHighway (360) 693-0325
telnet to "pods.pacifier.com" (press return 2x) or dial the above to register
```

535. Re: Is "Code Quick" any good?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: smith_j@WVLINK.MPL.COM
Message-ID: <smith_j-1101962128380001@slip2.mpl.com>
Source record: 207390

In article <30ee8bb4.5746637@news.mich.com>, mcs@mich.com (Marian Collins-Steding) wrote:

> Curt Sanders <csanders@redrose.net> wrote:
>
> >I have not used it yet, but 100% of the Techs upgrading in one of the
> >clubs I belong to all swear by it (and test results show it). I'm
> >getting it when I have the time.
> >
> >**********
> >* "There is nothing constant but change." Heraclitus *
> >* ---
*
> >* N3TLJ@WA3KXG.FN10RE.PA.USA.NA (Amateur Radio) *
> >* Reunion Users Group (genealogy) * Hershey Apple Core *
> >**********
> >
> >
> I used "CODE QUICK" and loved it. I subsequently passed my tech +
> exam now preparing for my general exam. I did notice the unfortunate
> price increase (from $29 to $42), but knowing what I now know, I
> think that its worth it. I found the usual tapes to be extremely
> boring but not these.
>
> If you want to use a computer for additional practice I would
> recommend "Morse Academy". It is excellent freeware.
>
> Marian , KB8ZWK

:-) KB8ZWK, How can I get "Morse Academy"?
smith_j@WVLINK.MPL.COM

536. 75S1 Schematic Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: hoff@america.com
Message-ID: <4d38lv$o4q@defiant.america.com>
Source record: 207391

Still looking for a 75S1 schematic. Can anyone help?

hoff@america.com

537. Re: DSP on a VHF repeater

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: Chris Huber <szhuber@peseta.ucdavis.edu>
Message-ID: <Pine.SOL.3.91.960111193254.8543B-100000@dale.ucdavis.edu>
Source record: 207392

I tried a dsp on the bench to see how the audio quality was for FM usage
and the improvement on weak signals. It look like a 6 to 10 db
improvemnet on the weak signal, since the audio was poor at this point
but on a full quietting signal the dsp down graded the audio. If there
was a way to switch the unit in and out of the circuit, it could help.

An other problem might be any tone signaling that you use over the
repeater might be impacted by the DSP.

Please forward anything of interest on the subject.

Thanks, Chris N6ICW

On 10 Jan 1996, KCKM wrote:

> Has anyone tried using a DSP on a VHF repeater system?
> Ken Johnson
> WB8VTW
>
>

++
Chris Huber
Telecommunications Voice: 916-734-0085
UC Davis Medical Center Pager: 916-762-6860
Sacramento, Ca. 95817 Internet:cahuber@ucdavis.edu
++

538. Re: Probs with Yaesu 2M in Belgium.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: gsnow@pacifier.com
Message-ID: <gsnow-1101961103280001@mac1.pacifier.com>
Source record: 207393

In article <4clmp7$ojd@moon.glo.be>, mauricea@glo.be (Maurice Andries) wrote:

>>I'm not sure about Brussels, but in Antwerp there's a lot to hear
>>on 145.765 the repeater of antwerp.
>
> Correction: freq is 145.7625 (2.5Khz off..)

A repeater that has a 500Hz part in its freqency?? What ham 2 meter
rig could receive that? You could probably receive it on 145.762 or
145.763, but how could you dial in that freq directly? All of the
2 meter gear that I have seen can't dial in a frequency so fine.

Gary
---
gsnow@pacifier.com <----====()====-----> http://www.pacifier.com/~gsnow/
Vancouver, WA's On-Ramp to the Information SuperHighway (360) 693-0325
telnet to "pods.pacifier.com" (press return 2x) or dial the above to register

539. FT-8500 to RS-232 Interface Plans

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: kberry@mo.net
Message-ID: <4d4s5p$d3o@Twain.MO.NET>
Source record: 207394

Does anyone have plans to build an interface for the FT-8500 to RS-232
interface??

If so, please drop me a line!!

Thanks,

Keith
KEï¿½FV
kberry@mo.net
http://walden.mo.net/~kberry

540. Re: IC-706 schematic ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: discus@caverns.com
Message-ID: <discus-1101962048340001@dialup9.caverns.com>
Source record: 207395

In article <8213108152002@lss.humnet.humberc.on.ca>,
hduff@humnet.humberc.on.ca (Hugh Duff) wrote:

> Anyone know how to go about aquiring a schematic
> for the IC-706. Not only did I not get a mobile
> mounting bracket for it but no schematic !!!
> I hope its not an "option" too ! (ie...must purchase
> the service manual to get a schematic ???)
>
> Hugh Duff VA3TO Toronto
>
>
>
> ---
> NFX v1.3 [000]

I E-Mailed Icom (don't have the address handy), and they graciously sent
the schematic. They said they had some copied at a local copy house.
There may be a limited supply. It is a LOT of paper. I got the address
from the ICOM page on the WWW.

Larry (NU5M)

541. Who makes/sells go 2 Meter OSCAR LNA's ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: Mark Monte <mmonte@linkabit.titan.com>
Message-ID: <4d3q31$ghl@taxis.corp.titan.com>
Source record: 207396

Am curious to hear some advice from some of you experienced folks who know who has the best one to buy. Or maybe suggestions on whether or not I should build it myself.

Tnx,

Mark (AB6ZQ) mmonte@linkabit.titan.com

542. Re: Vote here in Favor of Bill Cheek

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: bigjon1@ix.netcom.com
Message-ID: <4d22n8$at3@cloner3.netcom.com>
Source record: 207490
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.misc

NO ONE CARES! POST SOMEWHERE ELSE!

543. WTB: R7100 $ CASH $

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: kc6rzy@netvoyage.net
Message-ID: <4d21pd$iqi@news.netvoyage.net>
Source record: 207491

I'm looking for a Icom R7100
pay cash for it must work good
Email with price

Steve kc6rzy@netvoyage.net
tnx 73 rzy.

544. WTB: Duplexers for 440

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: kc6rzy@netvoyage.net
Message-ID: <4d21st$iqi@news.netvoyage.net>
Source record: 207492

Looking for a set of bandpass bandreject for 440 (70 cm band)
email with price if you have Em

kc6rzy@netvoyage.net
TNX 73 rzy.

545. Re: KAgold question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: "Thomas W. Castle" <afn17891@afn.org>
Message-ID: <Pine.A32.3.91.960111023624.69391A-100000@freenet3.freenet.ufl.edu>
Source record: 207493
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

On Wed, 10 Jan 1996, Thomas Randall wrote:
> Just tried the test version of KAGOLD. When I exited and tried using
> my packterm again it does not accept commands!!! I had this problem with
> another program and had to HARD reset the tnc. Packterm may be a very
> basic program but it doesn't give me fits like the other ones I try. I
> actually like it. I fear I now have to hard reset the tnc (Again) and it's
> a pain to have to reset all my settings. Is there away around this? Why
> does these other program screw around with the tnc settings to begin with?
> Tom Randall Amateur Radio - KB2SMS

Hi Tom... Sorry to say; a lot of the Test Drive programs, do a auto baud
routine an will change, the TNC to computer baud rate.... Then when your
done, it won't work with the settings of your original program. The simple
thing to do is to check the baud rate in the program you always use, write
it down. Then when you try another program, check the baud rate its running
at <Abaud>. Then change the Abaud before you jump out of the test drive
back to your normal setting... A "LOT" of these programs use different
parms, so if you have favorite settings in your tnc, you'd better do your-
self a favor... Do a listing of your tnc settings an do a screen print out.
This way you can see the differences in the different programs an tailor
the parms to your liking...
Hope this helps...
De Tom KD4QHH

546. Re: Bendix/King hand-unit programming

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4d2a6h$ta4@news.ccit.arizona.edu>
Source record: 207494

wm8s@citynet.net writes:
>Just ordered two used Bendix/King 210 channel hand units (EPH's??) to add to
>the 40-some the City already owns. In an understandable move of
>self-preservation, the local shop still won't sell me a programming cable.
>Since we're a disaster communications team, chances are great (read that
>"100%") that we'll have to do extensive reprogramming in the field on a
>mission-specific basis. Anybody know where I can get the required programming
>cable? Will King sell me one? We have the software, but only one cable, and
>it doesn't actually belong to the team. I know the radios are "sort of" field
>programmable manually, but we usually don't have that much time to spare. I'm
>spoiled with the TK630/730/830 rigs and their great software.
>Rob Bailey, WM8S (wm8s@citynet.net) Kanawha / Charleston
>Bailey Computer Systems Radio Amateur Civil Emergency Service

Yes, King does indeed sell direct. At least I've bought parts and a service manual from them. User manuals they send for free! My catalog is apparently at work, so I'll post contact info for King once I retrieve it. My King radios are PRC-127's, a military version of their 14 ch VHF HT. On this they have an agreement with the government not to reveal any info, but they plainly tell you that for $25 you can have a service manual for the civilian version it was based on. And the differences appear to be labels!

Chris, N7RME

547. Re: Vote here in Favor of Bill Cheek

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: Danny Browning <dannyb@usit.net>
Message-ID: <4d1pp3$613@news.usit.net>
Source record: 207495
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.misc

Yep I believe he is too. He must be his bitch. You know haw them folks out in California are. Well most of them.

548. Re: Recommend fast charger for AA Nicad Cells

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: duane@ripco.com
Message-ID: <DL0DL4.1y1@rci.ripco.com>
Source record: 207496

David A. Boackle (dab2@Ra.MsState.Edu) wrote:
: David Feldman (dgf@netcom.com) wrote:
: : I'd like to find a fast charger that would be good for AA size NiCad
: : cells, including those high capacity ones you can get at rat shack.
: : I would like one that could do 8 cells at a time. Any suggestions?

: Hello David, I am currently using the "MILLENNIUM Power System" for a
: Uniden scanner which takes AA batteries. I purchased the AA's 4 years
: ago and have used them (discharge/charge cycle) once a week ever since
: then. I have two complete sets of batteries and also two 4-place
: chargers. I was impressed with the amount of power/run time, so I
: purchased millennium batteries for many other items around the house.

: The Millennium AA's that I have are rated 750 mAh and some Panasonics that
: I saw recently were only rated 500 mAh. I am not sure about the high
: power Radio Shack version.

: You should also know that even though the Millenniums are of higher
: capacity than most, they still all die about the same... Suddenly :)

: Please let me know if I can be of further assistance, I would be glad to
: help you any way I can.

: 73 de KC5AAW
: ---
: David A. Boackle dab2@ra.MsState.edu Mississippi State University

Anyone use the Renewal system? I was thinking about getting into it.

--
>>>> Duane Whittingham - N9SSN - Dedicated to TVRO & Radio Broadcasting! <<<<

duane@ripco.com (MHGC -- Damian Smith)

>>>> Tom & Darryl TVRO Show Returning to Satellite Soon! Watch This Space <<<<

549. Cubical quad antennas

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: a0378@freenet.uni-bayreuth.DE
Message-ID: <9601110612.AA05560@btr0x7.hrz.uni-bayreuth.de>
Source record: 207497

Hello out there,

it seems that my good old High Gain Cubical Quad antenna called 244 is out
of order. This antenna did a great job for me. I bought this antenna
second hand and this puppy is about 17 years old. So it is time for me
to look out for a new cubical quad. High Gain do not sell this antenna
anymore and they also do not have any spare parts.

An old men told me about the US firm Lightning Bolt antennas so I ordered
information material. They offer a lot of quad antennas.
One Model they offer is calles 32 MCQ/WB which covers the 10-12-15-17-20
m band. For their antennas LBA use filament wound fiberglas for high durability and
strength. Spders boom plate and boom are mad of aluminium.

Does anybody use an LBA quad antenna?? How about the mechanical stability??
Here in bavaria we have sometimes very strong winds ...

A complete line of quad antennas is also available from CUBEX. I don't have
theirs brochourse yet. How about that antennas??

vy 73 de DL6RDE/AA1KD, Charlie

550. Re: Vote here in Favor of Bill Cheek

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: tvine@teleport.com
Message-ID: <tvine-1101960017190001@ip-pdx04-18.teleport.com>
Source record: 207498
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <4d10s4$qdl@news2.cts.com>, bcheek@cts.com (Bill Cheek) wrote:

__Mr. Alexander, you were and remain categorically OUT OF ORDER.
__That, sir, is the objection. Like it or lump it, that's the record.
__
__Bill Cheek

Well gumball, you got it wrong again! You are the first party (post Moss,
who is gone)
to be OUT OF ORDER by bringing this stuff to a place where it is not
wanted or needed. Lean back and relax for a second, billie, and just
reflect upon how, where ever you go, ill-will, flaring tempers and
ugliness _always_ follow.....
Andy Moss has done the mature thing and dropped you like the half-baked
yam you are. If there is a 'winner' here, it is surely he.
(and me, of course) ......(wink)

Come on, boys! Start your flame throwers! I'm outta here!

551. SSTV (Pasokon)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: edlangjr@esinet.net
Message-ID: <4d3dpl$5de@esinet1.esinet.net>
Source record: 207499

would someone please post or e-mail to me a list of the pins on the Pasokon SSTV board. I cannot locate my manual and I would like to get back on SSTV.

Thanks

552. MFJ HF ANTENNAS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: Bud Simmons <rdba80@email.sps.mot.com>
Message-ID: <4d3hr1$131k@newsgate.sps.mot.com>
Source record: 207500

Does anyone have experience with the MFJ HF verticals? I have not seen any write ups in the Ham mags. How do they compare with Butternut etc?

553. Subscribe

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: N3jdq@aol.COM
Message-ID: <960111113208_113219516@emout06.mail.aol.com>
Source record: 207501

```
Subscribe

n3jdq@aol.com
```

554. WTB: ICOM 2SRA

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: gmripper@Glue.umd.edu
Message-ID: <4d2da1$cic@mojo.eng.umd.edu>
Source record: 207502

Looking to buy the ic-2sra...
If you have one or know of some willing to sell please reply.

555. Re: Kenwood AT problems

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: cbuttsch@slonet.ORG
Message-ID: <Pine.OSF.3.91.960111094125.13406D-100000@biggulp.callamer.com>
Source record: 207503

I've noticed a number of requests regarding the Kenwood TS430/440/930/940 series of antenna tuner problems, primarily not coming up to speed when first told to find an antenna match. The first suggestion would be to clean and lubricate the tuning motors. The torque of those devices are very marginal indeed. It may be all that is required! Cliff Buttschardt W6HDO

556. equipment list

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-11 00:00:00 UTC
From: richesop@cici.com
Message-ID: <4d1u2n$uj5@latte.cici.com>
Source record: 207504

Does any one know of a good listing for used equipment. not a fs list but a list that will tell me somthing about a pice of equipment. For example: I see an add for an IC900. What the heck is it. What are its specs. How long has it been on the market.

I am trying to get into VHF/UHF ssb work and don't realy know the equpment.

--
| Peter D. Richeson/KA5COI
---+--- richesop@cici.com
| "...There's only one life and when comes the last call
| We'll find that the Bible was true after all!" -- Bethany Farms
****
http://www.cici.com/~richesop

557. WTB: CW Filter(s) for IC 735

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-12 00:00:00 UTC
From: wizbang@ix.netcom.com
Message-ID: <4d4r81$cbt@ixnews8.ix.netcom.com>
Source record: 207397

I am looking for the naroow CW filters ... 250 hz or 500 hz ... for an
Icom 735 xcvr.

AB7DE

@ (503) 643-6946

558. Re: Vote here in Favor of Bill Cheek

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-12 00:00:00 UTC
From: "Roy D." <red127@psu.edu>
Message-ID: <4d4poo$1nmi@hearst.cac.psu.edu>
Source record: 207398
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.misc

I vote for KATZ. Amen Ron!

559. Re: Austin Amateur Radio Suppy

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-12 00:00:00 UTC
From: jmaca@phoenix.phoenix.net
Message-ID: <4d59r6$3rr@gryphon.phoenix.net>
Source record: 207399
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

At least two of the members in my ham club have had bad experience
with Austin Amateur Radio Supply. One walked in with money in hand,
ready to drop kilobucks on a new HF rig, and they wouldn't even take
it out of the box to show it to him before he bought it...a wasted trip
to Austin. This is sad and I hope they correct the situation. I know
that not all ham stores are like this... I visited an HRO store in
California and the sales people were pleasant, helpful and great to deal
with. (I have no connection with HRO, by the way.)

Another two cents..soon we'll have enough for coffee.

John AB5SS

WB8OGM (dx@sun.tir.com) wrote:
: On Sun, 31 Dec 1995 19:28:55 GMT, jjmartin@shore.net (Jim Martin)
: wrote:

: :>I had the opportunity to visit AARS in 1991 while attending school at
: :>Bergstrom Air Force Base in Austin. Each time I visited the store was
: :>a pleasant experience.
: :>
: :>It is also my experience that sales people "have to be perfect" in
: :>every way for SOME hams and when or if one has a bad day/week (sales
: :>person or customer for that matter) there are those few who, either
: :>via packet or internet, paste their displeasure on the monitors of
: :>those who partake of these modes.
: :>
: :>There are some hams who actually go way out of their way to find
: :>something wrong with a ham sales establishment and end up amplifying
: :>the little things to many times their actual importance or
: :>un-importance...and they can't wait to share their negativism with the
: :>rest of us.
: :>
: :>We are all the sum of our experiences in life... and some of us have
: :>had a better life than others. But, just because the sales people
: :>don't stand at the door in tuxedos to greet everyone with hors
: :>d'oeuvres and free gifts and the customer's name up in lights doesn't
: :>make the place a bad place to shop. After all, if EVERYONE
: :>interpreted their visit experiences as that bad....these places
: :>wouldn't be in business for very long.
: :>
: :>Sales people are human too...just like next guy. If one has a genuine
: :>bad experience, call the owner or manager and let that person know of
: :>the experience? ...Or, run home and blast way with your keyboard

: :>phaser?
: :>
: :>just my two cents worth...
: :>
: :>jim martin, wk1v
: :>lowell, mass
: :>
: :>My opinions are my own and do not reflect those of my employer in any
: :>way, shape, or form.
: :>
: :>
: You are wrong ! Any sales person regardless of who they work for have
: the obligation of being as pleasant as possible to all customers.
: Being snotty and unpleasant does nothing for customer relations not to
: mention the company they work for. If they cant be pleasant and
: helpful then they have no damned business being in the sales field. I
: am the service manager for an alarm company so believe me I know about
: customer relations and what some of these ham radio dealers exhibit is
: far from good customer relations.
: Do you like talking to someone who has a chip on their shoulder and
: who talks down to you ? No, I dont either and if I get those kind of
: "vibes" I take my business elsewhere.

: My opinion is also my own but DOES reflect those of my employer !

: --
: Tim

: Amateur Radio: WB8OGM
: Internet Email: dx@sun.tir.com
: Packet Radio: WB8OGM@AA8GL.#nemi.mi.usa.noam
:
: "Sometimes imagination is better than knowledge"

560. Re: Icom 706 Hand Mic

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-12 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <DL2KFy.7M0@iglou.com>
Source record: 207400

What is the purpose of the tissue paper? Will toliet paper do? New or used?

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

561. HTs for begining Hams???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-12 00:00:00 UTC
From: jdorsey@umr.edu
Message-ID: <4d4g4v$3q8@hptemp1.cc.umr.edu>
Source record: 207401

I am currently working on my Tech plus license, and as yet am without equipment. Being a college student, I am usually short of cash, so I was looking for a cheap dualband. The Kenwood TH-79A(D) jumped out at me. There are two local repeaters here in Rolla, one a University club. So, my question is, would this be a good radio to start with. What can this radio do? Would it be practical to try to use it as a base?? Or what are some alternatives? Thanks in advance for advice!

Jack Dorsey

562. Ear Microphone

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-12 00:00:00 UTC
From: "William G. Graves" <bgraves@ix.netcom.com>
Message-ID: <30F68054.5AD6@ix.netcom.com>
Source record: 207402

I saw a new earphone/microphone setup for handhelds down at the local candy store. What was unusual is that the microphone is built into the earpiece completely. The product literature talked about picking up your voice through vibrations of the ear drum. The unit is made in Japan and is from a manufacturer I cant recall (no one major). Anyone have any experience with such a unit? I wonder how well the voice can be picked up and the quality of the speech.

bill
--
Bill Graves
bgraves@ix.netcom.com

563. Re: FT-8500 to RS-232 Interface Plans

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-12 00:00:00 UTC
From: crum@xmission.xmission.com
Message-ID: <4d543e$id7@xmission.xmission.com>
Source record: 207403

In article <4d4s5p$d3o@Twain.MO.NET> kberry@mo.net (Keith O. Berry) writes:
> Does anyone have plans to build an interface for the FT-8500 to RS-232
> interface??

I've kind of wondered about this. There's the Yaesu product:
1) YAESU FIF-232C, INTERFACE FOR RS-232 COMM PORTS $109.95, In Stock
(listing from http://www.hamradio.com - cool price lookup system)

And, there's:
1) YAESU ADMS-2, PC PROGRAMMING KIT FOR FT-8500 $39.95, In Stock

That ADMS kit includes a cable that connects a computer to the 8500,
but the software apparently manages memory settings and things like that
but does not control the radio as documented in the 8500 manual.

I have always wondered if the cable that comes with the ADMS-2 is really
just as good as having the FIF-232C, and if one can write programs to
control the 8500 based on the RS-232 control information in the manual.

Then a computer could control the 8500 remotely, maybe in conjunction with
a repeater controller. Fun.

I noticed that the 8500 control command set does not include a command to
turn on and off cross-band repeat, though. Darn.

564. Re: Motorola Handie-Talkie freqs?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-12 00:00:00 UTC
From: doneal@tcac.com
Message-ID: <4d6nlh$3pe@jupiter.tcac.com>
Source record: 207404
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment

In article <mfogartyDKo36K.KGH@netcom.com>, mfogarty@netcom.com says...
>
>A friend has a pair of Motorola HT600's. They're two channel,
commercial
>grade HTs. Trouble is, they don't seem to say on which frequencies
they
>xmt and rcv. I'd like to be able to tune in with my Standard HT.
Does
>anyone have this information?
>
>Thanks,
>mfogarty
That particular radio has several different models. The first three digits of the model number will tell a person which band it is on. To find the frequencies in the radio, you should look under the belt clip or remove the BACK cover and look underneath. If this does not produce a fequency list, you will need to take it to a radio shop and have the the prom read. You should know your own frequency and PL or DPL codes when you go. They can re-program the unit (probably for the same charge) at the same time (if the units are compatible). The shop I used to work at charged $35 to do this. You will probably have to go to a MOTOROLA shop to have this done.

565. Yaesu ft 747 GX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-12 00:00:00 UTC
From: blue@soldier.win-uk.net
Message-ID: <11@soldier.win-uk.net>
Source record: 207405

HELP?????????

COULD ANYONE PLEASE SEND ME INFORMATION ON SETTING UP MY YAESU FT
747GX TO RECIVE MORSE AND TO DECODE.
ALSO WHAT SOFTWARE AND LEADS YOU REQUIRE.

THANKS

566. Re: Vote here in Favor of Bill Cheek

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-12 00:00:00 UTC
From: tsmith@ici.net
Message-ID: <4d61dq$pft@crusher.ici.net>
Source record: 207406
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <4d3jhg$4sl@news2.cts.com>, bcheek@cts.com (Bill Cheek) wrote:
>tsmith@ici.net (Tim Smith) writes:
>
>Kind of like how you don't want to discuss
>this on the public forum anymore. You're a
>sleazeball liar and it is probable that I
>can prove it with facts if we deal in public
>where you spewed the venomous lies.

I think the group has had enough of your public ramblings. My opinion still stands along with the developing opinion that the only reason you are here is to market your organization, sell books and subscriptions to your newsletter and contribute very little otherwise. It's your right and if anyone is remotely interested and has alot of idle time can reload the old articles and follow the threads.

567. Re: Alinco DR-M06T, Any comments?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-12 00:00:00 UTC
From: lazeraud@sentex.net
Message-ID: <4d6rtg$ki@granite.sentex.net>
Source record: 207407

In message <4cue53$e8p@fred.uswnvg.com> - efreebe@nv2.uswnvg.com (Eric Freeberg
) writes:
:>
:>I am curious about the Alinco DR-M06T, 6-meter rig. Any comments?
:>Please e-mail or post.
:>

Hi Eric. I've had one for about 6 months and it seems to work just fine. One annoying problem that I have is that when the squelch is closed (no "fm" noise) the signal meter drops to zero (no indictaion of signal). When you (I) open the squelch, the meter goes to about s-5 worth of noise (I'm only about 20 ft from main hydro trunk line). I presume they took the meter signalling *after* the squelch control. It's kinda nice once you get used to it :)

As for power, 10 watts gets me into a repeater about 45 miles away, using a home brew quarter wave about 25 ft on the side of a small tower. Using an 80 watt amplifier and the same antenna, nets me a repeater about 95 miles away.

Hope that helps. I also have the mod to increase the RX/TX range if you want it (opens it from 40 to 60 Mhz).

Best 73,

Tedd
ve3tjd--EN93

lazeraud@sentex.net

568. Re: SGC-230 Ground????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-12 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4d5emo$9u9@newsbf02.news.aol.com>
Source record: 207408

Hi Rick,

I see your post sat here for a while, I'm suprised no one answered you. Maybe you'd have better luck in rec.radio.amateur.antenna

In article <4ct3rb$iji@newsbf02.news.aol.com>, rickcrider@aol.com (RICKCRIDER) writes:

>All:
>OK.....OK.....First the admission of guilt: The antenna tuner is
>grounded to a cast iron natural gas pipe. Plain and simple. The
tuner
>is mounted in the attic in a large two story house. '

Well, as long as there are no leaks......

>It is the *only*
>existing contact with ground in the attic. (other than the ac third wire
>neutral) The only other possibility is running copper grounding wire
>across the attic , out of the boxing, winding it down around the various
>contours of the house to a driven ground rod. The ground wire would be
>about as long as the antenna itself.

Long ground leads are not much good for RF, and you really don't need a connection to earth anyway for a RF ground. An RF ground needs a lot of surface area so it looks like a low impedance, not an earth connection.

>Now, the problem: The rf signals are getting into the ac lines of the
>house. The unit tunes well, tx's and rx's well. Very well. (Fed from
>an ICOM 706 rig. The signals come through some domestic household
>receivers (AM/FM Cassette, tv, vcr, etc., *even* when they are turned
>*off*.)

I'm sure the pipe is radiating, and everything is really hot with RF. Can you put some counterpoise wires radially from the SGC out like spokes on the attic ceiling or floor? Or lay down a large area of chicken wire, foil, or screening around the tuner?

And coil up the feedline from the tuner into the shack to act like a choke, and any other leads from the tuner to the shack or hose wiring so RF quits following the wires to other grounds.

You need a large low impedance electrically conducting mass up at that tuner. Especially if it is feeding a long wire or other unbalanced antenna.

73 Tom

569. Re: WTB - (11m, CB) Preamp

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-12 00:00:00 UTC
From: Dan Alfonsi <dalfonsi@gi.com>
Message-ID: <30F69F30.4328@gi.com>
Source record: 207409
Cross-posted to: rec.radio.cb,rec.radio.swap,rec.radio.amateur.equipment

Matthew E. Clauson wrote:
>
> I have a friend who is doing some work up in some rough country, and
> he needs a preamp for his home base station... He is willing to buy,
> so please give me an idea of a price if you want to buy one.
>
> Thanks!
>
> Matt
> --
> Matt Clauson N0QXW Finger mec@ezlink.com
> mec@genesis.ezlink.com for PGP key.In my experience, there's no such thing as a GOOD pre-amp (I
assume you are referring to a receive Pre-Amp).

The problem with pre-amps is that the increase both the signal
and the noise. In order for the BOOST to be effective, you need
to increase the Signal to Noise Ratio (SNR). This is best
accomplished by getting a better antenna (A 3-5 element beam or
a 5/8 wave verticle for example). If you had to use a pre-amp,
you would want to install it as close to the antenna connector
as possible. This way you'd amplify the signal as much as
possible before inserting too much noise on the coax feed run.

Dan

570. Re: Vote here in Favor of Bill Cheek

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-12 00:00:00 UTC
From: bcheek@cts.com
Message-ID: <4d51ud$8kv@news2.cts.com>
Source record: 207410
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.misc

Tim Smith - tsmith@ici.net - wrote:

BC>>I am not in the newsgroup for marketing. Radio is my hobby, too.

TS> Hmmm...you're becoming really incoherent....earlier your life,
TS> livlihood and family were at stake. No marketing?

Lying like you do......puts a lot at stake. What if I researched
and contacted your employer with........fabrications and lies like
you basically did to me? Got nothing to do with marketing, Smith.
It's lying.....between the gap in your buckteeth.

TS> Ok...we'll ignore the commercial, tag line, brag page or whatever
TS> you call it then...

Signature line? Filled with different ways to communicate with me,
which....by the way, a lot of people want to do. There's no
advertising in it. It's a helluva lot better than much of what I
see out and around. You don't like it or something? Does it
bother you? If so, check Parnass' signature line. Now there's some
advertising for you. No? I don't mind, but apparently you do.

TS> Good...you'll probably need them when sales dip even further....

What sales? Are you trying to hurt my sales? Suit yourself, but
you don't stand a chance. My bulk business is sales of oversize
condom rubbers for the overendowed. You couldn't possibly influence
my control of that market on a dream and a prayer.

If you want to stop me from writing books on radio hacking, well,
have at that, too. I can't imagine why, though, unless you are
downright jealous or too impotent to accomplish anything for yourself.

TS>...sure is strange how BP posted a few "familiar" articles today...

I've never read them, but will download them now for posterity.
I see where they are product reviews. I am not interested in
Parnass' product reviews whatsoever. Never have been. He does
things the way he sees fit, which is fine for the neophyte....
but of no use to me. Parnass addresses a wholly different audience
than I do, and ne'er the twain meet. It's no big deal, but I am
not interested in plagiarizing anything he has ever written.

If......and I say *if* he was the original author of that R71A
tuning technique, it was a total, random accident that I wrote
about it in the Montoring Times article of January, 1992. A fellow
in Las Vegas sent me the write up and GAVE ME PERMISSION TO PRINT

it. For all I knew, he was the originator. He still could be for all I know. Maybe he told somebody about it who told somebody about it who told Parnass? Maybe he picked up Parnass' article off the Internet? Maybe someone else rewrote Parnass' article and changed the credits? There is NO TELLING about that sort of thing.....

Now, are you ready for a bombshell? The article I printed differs substantially from the one Parnass posted to the echo. The title is the same...the substance is the same.....but the articles ARE different. Furthermore.....and clapse a deathgrip on your peanuts before you lose them, but Parnass' header states the article was from the April 1985,issue of Monitoring Times. What I wrote was for the January 1992 issue. Now isn't THAT weird on a couple of counts?

1) It would or should be painfully obvious that I would not knowingly "steal" something from the same magazine !!!!!!!

2) And it is mighty strange that Monitoring Times let it pass !!!

If this is the basis on which you levy your charge that I ripped off Parnass' stuff, then bend over, fella. There's nothing of substance to your bullshit. It was a compound accident over which I had the least amount of control. I'm not sure HOW I could have prevented it.

If you claim anything in my three books is Parnass' work, then get off your lying butt and spit it out so I can check into it. Don't get

your hopes up though, dingleberry. Everything in my books has been checked and doublechecked to make sure of sourcing and other potential conflicts. Clean slate there, parasite.

Forget Parnass' articles on the 2004 and 2005 and any allusions to cellular originality. I got one of the first PRO-2004's into this country in September, 1986, and had the cellular diode snipped and out within days.

(I had diode-programmed my PRO-2002 for the military air bands AND cellular back in 1981....and found that even though 800 MHz appeared in the display, the top end remained at 520 MHz. Bottom line is that I was hacking scanners long before there was ANY public knowledge that it was possible. I never wrote about it because no one was overly interested in scanners at that time.)

The memory and speed diode mods on my PRO-2004 followed immediately thereafter in September 1986. I was aware of these "discoveries" happening more or less simultaneously around the country. Pure, raw, discoveries, mine included, are not copyrightable. Only the published

wording of such matters is possible to copyright. There is no possibility of conflict with the routine "clip-a-diode" and "add-a-diode" typesof matrix programming hacks.

Aside from this simple shit, there's no conflict about anything else I wrote. It's ALL original by yours truly, with credit rendered to even those who sent me IDEAS to probe and explore.......names of Lynn Burk, Mark Persson, Milan Chepko, Terry Vaura, David Jones ....and many more who contributed however slight, to the information in my books. The names are THERE, clingberry. All you have to do is READ them instead of concocting malicious lies based on your axe to grind and a gamble that I'd be afraid to deal with you in public.

Parnass' name is not there, one because I hadn't heard of him before about 1992 after my 2nd book, and two, because he didn't contribute to ANY of the information or to my research. Simple as that. If he had, his name would have been there. There are several names credited in my books who I have never communicated with in my Life, but who I knew had been involved in the research or discoveries BEFORE I came up on the information. Read the books, DingleFritz: the names are there.

BC> You're saying Hobby Radio and notably scanning would be better off
BC> if you "killed me" or ran me off?

TS> No but your rhetoric use of profanity gets tiring and lessens the
TS> impact of your dialogs...

Oh. Well, did it ever occur to you that if it weren't for the lying sonsofbitches in this world, I might not feel like being so profane?

TS> You have a definite writing style that is truly unique...

Your spelling and grammar on a par with maybe an 8th grader. And a not

very bright one, at that. I haven't made mention of that little deficiency of YOURS until you chucked the first stone. Do take note of that.

> if you're not beating the thesarus to death

I don't use a thesarus. Don't need one.

> you're swearing...really make you sound intelligent.

Oh. Ok. I can live with that. I have always called a spade a spade,

and a shithead a shithead, and a lying sonofabitch a lying sonofabitch.
Mincing words isn't among my skills. Is that your problem with me?
Amd, ummmm, is English your native language?

Bill

571. Yaesu two meter rig HT For sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-12 00:00:00 UTC
From: w hansen <whansen@itsa.ucsf.edu>
Message-ID: <30F716F4.69D6@itsa.ucsf.edu>
Source record: 207411

Hand held small easy to operate and program ht for sale, Like new
300. or offer. 415 661 7168. prefer bay area sale.

572. Autek QF1-A "QRM ELIMINATOR, Good/Bad/Ugly?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-12 00:00:00 UTC
From: ekv@panix.com
Message-ID: <4d6ici$nge@panix.com>
Source record: 207412

Thinking about buying this unit. Please share your experiences good or bad.

--
Elmar Vaher **********----------**********
ekv@panix.com

573. Re: Vote here in Favor of Bill Cheek

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-12 00:00:00 UTC
From: tvine@teleport.com
Message-ID: <tvine-1201962248050001@ip-pdx07-05.teleport.com>
Source record: 207413
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <4d71tc$ecq@news2.cts.com>, bcheek@cts.com (Bill Cheek) wrote:

__which is a slimeball, low-life, despicable, underhanded, lie. And I
__challenge you to state your case. Get right down and specific with
__it. You said it. Now back it up.

Welll.... OK. You said that you contacted AOL, and they told you that the guy that goes by the screen name BullCheek was ME. Thats what you said. That AOL 'gave up' one of their customers. I have your email to prove it. Shall I put it up for public perusal, or shall you? There there, of course you dont have the nuggets for something like that. We all know that away from your poor, abused keyboard, you're really a milquetoast wimp! Now then, Mr. Cheek. Would you care to talk about the AOL lie? I thought not. You see, there are not degrees of lying, billie. You either are one, or you're not. You are, thats all. Caught dead to rights time and time and time again. And whats worse, you vend your lies with ugly, vulgar language. Just what I'm sure all those young radio hobbiests out there need to see. You're not only losing your peer customer base, but a whole 'nother upcoming generation of them. Ever consider that? I thought not..

574. Re: IC-706 schematic ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-12 00:00:00 UTC
From: "Richard L. Duell" <rduell@iac.net>
Message-ID: <4d4b5n$qrj@cheyenne.iac.net>
Source record: 207414

hduff@humnet.humberc.on.ca (Hugh Duff) wrote:
>
>
>Anyone know how to go about aquiring a schematic
>for the IC-706.

I sent ICOM Tech Support - check their WEB page for the number - and they
mailed me a schematic.

575. Icom 706 Hand Mic

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-12 00:00:00 UTC
From: BSDS13A@prodigy.com
Message-ID: <4d4kh4$1l00@usenetw1.news.prodigy.com>
Source record: 207415

Gentle, I did all the mods on the hm103 hand mic to no real satisfaction.

I kept getting muffled audio reports and weak audio.
I did a mod of my own and the results were dramatic. I opened the case, removed the rubber disk, then added seveal layers of tissue paper cut in shape of the case. This resulted in very clean audio. I stil wonder why this radio has all this mic. difficulty. I have asked Icom about what they recommend for changes. The radio also worked very well the SM6 desk mic. I would be interested in any other experiences of this type. I can be E-Mailed at prodigy at BSDS13A or Internet johnf@telect.com.

73,

John WA4BMG

576. RE: CAP and MARS???????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-12 00:00:00 UTC
From: dmgillah@mtu.EDU
Message-ID: <199601121708.MAA11464@dolphin9.me.mtu.edu>
Source record: 207416

Charlie,

The CAP and MARS, lets a person know that peticular radio is modifyable to transmit out of the amateur band so that persons with Civil Air Patrol and/or Military Afiliate Recreation Station (that's close anyway) licenses can use that radio. It makes it nice because then you don't have to buy two radios!

Dave, ARS: KB8POR CAP: Red Robin 285
73

--

```
_______________________________________________________________________
( Take it easy. -Dave The Upper Penninsula: )
( It's too cold, snows too )
( Michigan Technological University much, and it takes too long )
( The professional, perpetual student long to get here. But hey, )
( dmgillah@mtu.edu the air's fresh, and the )
( kb8por@w8yy.#upmi.mi.usa.na water's clean. Works for me!)
(_____________________________________________________________________)
```

577. Re: Recommend fast charger for AA Nicad Cells

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-12 00:00:00 UTC
From: Rick Tressler <RT0@GANET.NET>
Message-ID: <4d620v$brp@s2.GANet.NET>
Source record: 207417

I don't follow brand names much, but I think these are the rechargable alkalines, right? Anyway,
they do not have the same cyclability (cycle service life) that traditional NiCads do. I don't
remember the numbers, but the difference is significant.

Another avenue you might consider woould be Nickle Metal Hydride (nMh). These cells pack more
capcity in the same package than their NiCad counterparts. The down side is, thjey cost a lot
more and exhibit a higher self-discharge rate than NiCads.

578. Yaesu Home Page

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-12 00:00:00 UTC
From: "Thomas M. Schaefer" <tomms@mnsinc.com>
Message-ID: <30F6F58F.6232@mnsinc.com>
Source record: 207418
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Based on a request I put on this newsgroup for info regarding Yaesu
FT11-R information, I have received quite a few email requests for
Yaesu's homepage. The homepage for Yaesu is http://www.yaesu.com
--
Tom Schaefer
Orange, Virginia tomms@mnsinc.com

579. Re: Vote here in Favor of Bill Cheek

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-12 00:00:00 UTC
From: tvine@teleport.com
Message-ID: <tvine-1201961830380001@ip-pdx03-36.teleport.com>
Source record: 207419
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <RFM.96Jan12151618@urth.eng.sun.com>, rfm@urth.eng.sun.com
(Rich McAllister) wrote:

__In article <4d10s4$qdl@news2.cts.com> bcheek@cts.com (Bill Cheek) writes:
__
__>Mr. Alexander, you were and remain categorically OUT OF ORDER.
__>That, sir, is the objection.
__
__Fascinating. Where on earth did you get the idea that USENET runs
__under Roberts' Rules of Order?

Ummm, I'm afraid you may be speaking above the cheeky ones head. I'm sure
he's never heard of Roberts'. More along the lines of Hoyle, maybe.......
<g>

580. Wanted: Smith Chart on PC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-12 00:00:00 UTC
From: n2683244@sparc12.cc.ncku.edu.tw
Message-ID: <4d5n04$4iv@ccnews.ncku.edu.tw>
Source record: 207420

ubject: Wanted: Smith Chart on PC
Newsgroups: sci.electronics.design
Summary:
Keywords:

Hi there :

I am in urgent need of a PC software which can help me to draw
Smith Chart on PC and even process the Chart on PC ....
I wonder if there is any free-shared software to help. If you know
please let me know.... Thank in advance !

Clifford

581. Re: Ear Microphone

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-12 00:00:00 UTC
From: tsimpson@iglou.com
Message-ID: <DL31AJ.Fsw@iglou.com>
Source record: 207421

William G. Graves (bgraves@ix.netcom.com) wrote:
: I saw a new earphone/microphone setup for handhelds down at the local
: candy store. What was unusual is that the microphone is built into the
: earpiece completely. The product literature talked about picking up
: your voice through vibrations of the ear drum. The unit is made in
: Japan and is from a manufacturer I cant recall (no one major).
: Anyone have any experience with such a unit? I wonder how well the
: voice can be picked up and the quality of the speech.

I have a couple of 49mhz radios with the same setup. They work on the same principal as systems for underwater use. They pickup the vocal sounds from the bones in the ear which are transmitted through the eustacian tubes from the throat. They work pretty good and are great when you don't want a mic in your face. Hope this helps. Also if you you could tell me who manufactures the earpiece I'd like to end up geting one for my HT as well.

--
Tom Simpson
tsimpson@iglou.com

582. Re: Info

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-12 00:00:00 UTC
From: rsmall01@aol.com
Message-ID: <4d5g5u$ap0@newsbf02.news.aol.com>
Source record: 207422

In article <4d3mtj$ck@netnews.upenn.edu>, fred@sol1.lrsm.upenn.edu (Fred Hellmig) writes:

>Does anyone have the 800 number for Periphex Battery Co in Ct.?
>
>

Fred..You might try 1-800-555-1212

583. Re: Bendix/King hand-unit programming

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-12 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4d4cat$iea@news.ccit.arizona.edu>
Source record: 207423

wm8s@citynet.net writes:
>Just ordered two used Bendix/King 210 channel hand units (EPH's??) to add to
>the 40-some the City already owns. In an understandable move of
>self-preservation, the local shop still won't sell me a programming cable.
>Since we're a disaster communications team, chances are great (read that
>"100%") that we'll have to do extensive reprogramming in the field on a
>mission-specific basis. Anybody know where I can get the required programming
>cable? Will King sell me one? We have the software, but only one cable, and
>it doesn't actually belong to the team. I know the radios are "sort of" field
>programmable manually, but we usually don't have that much time to spare. I'm
>spoiled with the TK630/730/830 rigs and their great software.

Well, I can't locate my Bendix/King catalog, but here's some contact info
from a service manual:

Allied-Signal Aerospace Company
Bendix/King Mobile Communications Division
2920 Haskell Ave.
Lawrence, Kansas 66046
913-842-0402
913-841-0287 Fax

They also have an 800 number for parts ordering, but that's in the catalog I
can't find.

Good luck,
Chris - N7RME

584. BayPac TNC any good?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-12 00:00:00 UTC
From: dale@unc.edu
Message-ID: <dale-1201962045400001@s012h002.dialup.unc.edu>
Source record: 207424

Is the Tigertronics BayPac RS232 software driven TNC any good? What are the disadvantages to regular TNCs. This one only costs $50. Thanks. 73s.

dale castle
KD4EAP
castle@usit.oit.unc.edu

585. Re: JPS ANC-4

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-12 00:00:00 UTC
From: cb@ilhawaii.net
Message-ID: <4d5ep2$b2o_001@pm36.ilhawaii.com>
Source record: 207425

In article <4cu9e1$rdl@chnews.ch.intel.com>, tom_boza@ccm.ch.intel.com wrote:
>Does anyone here on the newgroup have experence with the JPS ANC-4
>Antenna Noise Canceller unit? I have a AC power line noise problem
>on 40 meters and thinking of purchasing one. However before doing
>so, Im looking for pros & cons with the unit.
>
>Thanks, 73 WB7ASR...
>
>tom_boza@ccm.ch.intel.com
>-----------------------------------

Hi, the JPS ANC-4 is rather remarkable. It really does work on powerline noise! You have to fool around with the antenna to get it right sometimes, but usually it is easy to do and MOST effective! It seems to tune in the noise with its own noise receiving antenna and then "inverts" it and let me tell you, it is amazing what it can do. In most cases it seems to eliminate noise from powerlines, tv sets, and computers. Does nothing for ignition or "pulse" type noise.

Chuck Boehnke ----- Bird Trax Hawaii -----

586. Re: Recommend fast charger for AA Nicad Cells

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-12 00:00:00 UTC
From: smason@agt.net
Message-ID: <30f679c1.72949341@news.agt.net>
Source record: 207426

>: Hello David, I am currently using the "MILLENNIUM Power System" for a
>: Uniden scanner which takes AA batteries. I purchased the AA's 4 years

>: The Millennium AA's that I have are rated 750 mAh and some Panasonics that
>: I saw recently were only rated 500 mAh. I am not sure about the high
>: power Radio Shack version.

I've been using Sanyo 600mah for years, and I'm quite happy with 'em, but I recently received 6 Milleniums for the Pro43 for Xmas. Unfortunately, all of the shops that used to carry Millenium locally are gone, so I haven't been able to locate the 3hour charger. Apparently Gates (makers of Millenium) were bought by Eveready, but I don't know if Eveready are continuing with the Millenium line. Does anyone have more info on this?

Steve VE6STV

587. Re: Bad audio Yaesu 757 and 890

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-12 00:00:00 UTC
From: cbuttsch@slonet.ORG
Message-ID: <Pine.OSF.3.91.960112105155.13203F-100000@biggulp.callamer.com>
Source record: 207427

In this reflector, VE6STV and others mention bad audio in both these rigs. I've modified both and indeed these rigs are VERY susceptable to high RF fields---to the point where the 890 must have an absolutly flat coaxial antenna match. The 757 was highly modified by KB6FPW and myself by placing thirty or so capacitors and half a dozen ferrite beads on all external connections. When this was done, that rig was simply marvelous. Apparently the FT890 is in even worse shape in this regard but the FT900 slightly improved as apparently the manufacturer paid SOME attention to the mods I sent specifically for the FT757!
As for the microphone mods, I simply could not make the provided microphone work at all regardless of the removal of rubber baffles etc. If one takes the microphone apart one will see that there is mounting hole provided for an electret microphone!! A Radio Shack unit fits perfectly. A small recharageable battery must be used, unfortunately. I connected the plus terminal of the battery, through ten kilohms, to the rear hangup plate. When needed, this plate was clipped to the plus 12 volts to charge the internal battery. Ground remained connected so only the plus connection was needed. If local RF could be kepted out of the rig, this resulted in really remarkable results in modified rigs, but I would be more than happy to hear from others on mods to the FT890 that would improve that rigs audio without the hassle of all those caps and beads!! 73
Cliff Buttschardt W6HDO Morro Bay, Calif

588. -WANTED- kenwood. th-22at (2 meter)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-12 00:00:00 UTC
From: jrossi@alpha.psd.k12.co.us
Message-ID: <4d5svj$sjq@alpha.psd.k12.co.us>
Source record: 207428

If any one out there has a kenwood th 22at that they would want to sale
please write back as soon as possiable.... thanx.

jason rossi
hopeing to get a ham radio licences soon.
p.s. write back soon.....

589. FT1000 and AFSK input help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-12 00:00:00 UTC
From: barry@w2up.wells.com
Message-ID: <o7TLHD2w165w@w2up.wells.com>
Source record: 207429

I am wiring a cable to use the HAL P38 digital mode board with the FT1000. The RTTY/PACTOR/AMTOR hookup is straight forward, thru the RTTY jack. CLOVER requires AFSK input, and I'm not sure where the best input is - Using the Patch In phono jack seems a reasonable choice, except that the mic input is in parallel with it. This requires the mic be unplugged for its use. Another option appears to be the Packet DIN jack, which has an Audio In line. The manual doesn't say much about this one. Is this input active when LSB is the selected mode? Is the Mic disabled when this input is used? Any other thoughts appreaciated... 73 Barry

--
==========
Barry N. Kutner, W2UP Internet: barry@w2up.wells.com
Newtown, PA Packet Radio: W2UP @ WB3JOE.#EPA.PA.USA.NA
Packet Cluster: W2UP >WB2R (FRC)
.....

590. Re: Recommend fast charger for AA Nicad Cells

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-12 00:00:00 UTC
From: dgf@netcom.com
Message-ID: <dgfDL2vy1.3Ew@netcom.com>
Source record: 207430

In article <30f679c1.72949341@news.agt.net> smason@agt.net (Steve Mason) writes:
>
>>: The Millennium AA's that I have are rated 750 mAh and some Panasonics that
>>: I saw recently were only rated 500 mAh. I am not sure about the high
>>: power Radio Shack version.
>
>the shops that used to carry Millenium locally are gone, so I haven't been
>able to locate the 3hour charger. Apparently Gates (makers of Millenium) were

I picked up a 3-hour "conditioner/charger" at rat shack for about $16 or so.
It is only for AA cells, and does a 1 hour discharge followed by 2 hour
charge cycle. Main drawback is you MUST do exactly 4 cells at once. I've
been using it with the rat shack 850 mAH (or whatever - higher capacity)
AA cells for a little bit and the results seem good.

I was advised that hobby shops sell super-fast chargers (for use with model
airplanes and race cars and such that use electric motors) and can get a
recharge in well under an hour, but I'd suspect this diminishes the cycle
life of the cells. I'm going to look into it, however.

73 Dave WB0GAZ dgf@netcom.com

591. Re: CAP and MARS???????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-12 00:00:00 UTC
From: bjones@aramco.com
Message-ID: <NEWTNews.821471070.8883.bjones@bjones.aramco.com>
Source record: 207431

Charlie Fortner <charlie@netdepot.com> said..
>The subject line says it all. What is this CAP and MARS stuff I've seen
>advertised on some HTs and mobile units?

How about

CAP - Civil Air Patrol

MARS - Military Affiliate Radio System

I think you can get into CAP without being an amateur radio operator but MARS would be difficult unless your active military. I'm not a member of either group, maybe someone who is will detail further.

73 de KC5EVD
Billy

592. Re: Ten-Tec 6M xverter & TS-430S help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-12 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan12.201809.1130@ke4zv.atl.ga.us>
Source record: 207432

In article <30F16C45.342EFEF0@metronet.com> ken brookner <kenb@metronet.com> writes:
>has anyone used the Ten-Tec 6 meter transverter kit with the Kenwood
>TS-430S transceiver? the Ten-Tec wants 20 meter input drive in the
>range of 0.25 watts up to 10 watts depending upon the value of R5.
>
>the TS-430S can not control its RF output on SSB -- so it's about 100
>watts all the time (unless i'm missing something here...). The 430's
>transverter ouput is listed as .7 volts @ 75 ohms -- which is too low.
>
>ideas? am i missing something obvious?

Sure. SSB output power is proportional to microphone gain. Turn
the mike gain down, and your power goes down. Turn it down enough,
and you won't be putting out any power at all. Think about it.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

593. Re: Autek QF1-A "QRM ELIMINATOR, Good/Bad/Ugly?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-12 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <821516224.27821@pinetree.microserve.com>
Source record: 207433

(Elmar Vaher) wrote:

>Thinking about buying this unit. Please share your experiences good or
>bad.

I have one that I purchased used a few weeks ago. Both notches work smoothly and have a deep null. The peak filter makes a very substantial difference on CW, even with the 400 Hz IF filter that I use. Sometimes, signals barely audible above the background noise sound like S7 or S8 when the filter is switched on. The HP and LP filters also work well, although I don't use them much because my receiver has passband tuning.

On the downside, the peak filter does tend to ring badly, particularly when you narrow the selectivity control. This is most annoying when static crashes are frequent. The ringing that occurs when they "kick" the filter can really pummel your ears.

Unless you're prepared to much more than the price of this product for a good DSP filter, I think you'll find the Autek a useful accessory. Incidentally, I purchased their computing SWR meter (new) about a month ago also. Don't know how I ever lived without it. :)

73,
Jack WB3U

594. Re: Vote here in Favor of Bill Cheek

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-12 00:00:00 UTC
From: rweber@krypton.mankato.msus.edu
Message-ID: <4d6ets$6ki@nitrogen.mankato.msus.edu>
Source record: 207434
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.misc

Jon Shay (bigjon1@ix.netcom.com) wrote:
: NO ONE CARES! POST SOMEWHERE ELSE!

I care.... :)

595. ICOM 706 and AH2 antenna tuner??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-12 00:00:00 UTC
From: Michael Stricker <stricker@ll.mit.edu>
Message-ID: <4d6b58$9rc@llnews.ll.mit.edu>
Source record: 207435

Does anyone know if the ICOM AH2a automatic antenna tuner setup can be used with the 706? I have been using the AH2 with my 735 and would like to know how to modify it or set it up for use with the new rig.

Thanks in advance.

Mike Stricker,WA1SEO
stricker@LL.MIT.EDU

596. Pinouts for IC2SRA and IC2GXAT?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-12 00:00:00 UTC
From: keithw@bctv.com
Message-ID: <STu9wwUN3v3U086yn@bctv.com>
Source record: 207436

Can anyone supply the pinouts for either of these HTs? I want to hook up a TNC and military handset to them.

--

==========
Keith Wood TV-18 News anchor
Host/Producer, The Computer Program, FLYING TIME!, and Infinity Focus.
Gunsite (Orange) alumnus, Team OS/2, Parrothead, N7JUZ, AZ0237 but not a number (I'm a FREE MAN!), creator of FIRE TEAM and HERO SEEKER
==========

597. Re: HTs for begining Hams???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan13.132632.6095@ke4zv.atl.ga.us>
Source record: 207305

In article <4d4g4v$3q8@hptemp1.cc.umr.edu> jdorsey@umr.edu writes:
>
>I am currently working on my Tech plus license, and as yet am
>without equipment. Being a college student, I am usually short
>of cash, so I was looking for a cheap dualband. The Kenwood
>TH-79A(D) jumped out at me. There are two local repeaters here
>in Rolla, one a University club. So, my question is, would this
>be a good radio to start with. What can this radio do? Would it
>be practical to try to use it as a base?? Or what are some
>alternatives? Thanks in advance for advice!

With only 2 repeaters in range, you'd do much better buying
a GE PE HT, about $30 at a hamfest, and another $20 to crystal
it up for the repeaters. These radios are indestructable (cops
use them as substitute billy clubs), and have good enough front
ends to be used on an external antenna without howling intermod
(there's a slick car kit available). The same can't be said for
the Kenwood Gameboy.

Used amateur HTs that might also be acceptable would be the
Icom IC-2AT or the Yaesu FT470, the latter a dualbander covering
both 2 meters and 70 cm, though using it on an external antenna
would invite the howling intermod demon. Any of these choices
will be cheaper and better than the Kenwood TH79.

If you aren't wedded to the idea of a HT, there are any number
of good Icom, Yaesu, and Alinco "mobile" rigs that can be used
in the car or in the house with a 12 volt power supply. The
IC-28H would be a good choice, and not too expensive on the
used market.

In short, don't buy new, don't buy Kenwood, go onto the used
market and get a good commercial or amateur rig for lots less
money that will offer you much better performance.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

598. Re: WTB: CW Filter(s) for IC 735

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan13.133522.6207@ke4zv.atl.ga.us>
Source record: 207306

In article <4d4r81$cbt@ixnews8.ix.netcom.com> wizbang@ix.netcom.com(Jerry Thompson) writes:
>I am looking for the naroow CW filters ... 250 hz or 500 hz ... for an
>Icom 735 xcvr.

That's not very "naroow". :-)

Icom has both in stock for the IC-735. The 500 Hz filter is also suitable for the digital modes, the 250 Hz filter is not. Going "naroower" than that, you're better off with an outboard DSP since it won't "ring". 80 Hz DSP is pretty standard, and there are specialty filters as narrow as 1 Hz for stuff like EME, but of course you have to send *real* slow to take advantage of them. If you go with DSP, use at least the 500 Hz filter in front of it to preserve IF dynamics in the radio.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

599. repeaters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: sra@pluto.njcc.com
Message-ID: <4d7cv5$235@earth.njcc.com>
Source record: 207307

I'm looking to set up a repeater and I was wondering if anyone had
suggestions on good equipment to use. it would be 2m band with
autopatch and other little goodies.
thank you.
Seth, KB2WLU

600. Kenwood TS-50, FM Filter Mod

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: Markus Buehler <mbuehler@access.ch>
Message-ID: <4d8t53$mr2@pacifica.access.ch>
Source record: 207308

Does anybody have a detailled description of a filter mod for the
Kenwood TS-50. The supplied filter is too broad. I have a filter from a
CB-Rig.
Thank you for your help.
HB9CPW, Markus

601. Re: Autek QF1-A "QRM ELIMINATOR, Good/Bad/Ugly?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: jastorm@ix.netcom.com
Message-ID: <4d96m4$q2n@cloner3.netcom.com>
Source record: 207309

ekv@panix.com (Elmar Vaher) wrote:

>Thinking about buying this unit. Please share your experiences good or
>bad.

>--
> Elmar Vaher ********----------**********
> ekv@panix.com
The Autek QF1-A was a great unit in it's day. I have used one for many
years. However, consider a DSP instead. It will do everything the
QF1-A does, and a whole lot more.

Jim WB6LWS

602. Re: FT-51 reception sensibility

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan13.113038.4923@ke4zv.atl.ga.us>
Source record: 207310

In article <4cr43k$gal@info.epfl.ch> oesch <oesch@desun1.epfl.ch> writes:
>I thanks, the 2 or 3 people who answered my article, but unfortunately,
>they didn't answer my question:
>
>Is there a solution to minimize transmodulation problems on the new
>Yaesu FT-51 Dual band handneld transceiver?
>
>I have no simple solution(without sending the TX to Yaesu).
>
>If someone could help me, it would be fantastic, because, I have lots of
>difficulties in making QSO from home, on a roof antenna, even if it has
>not a big gain. (0 dBd...)

Try a cavity bandpass filter in the feedline. Several have come on
the market recently in response to these wider than a barn door
HTs. Tucker Electronics sells one, and so does Alabama Radio. They
work. Of course you lose all-band reception capability, but what
did you expect? That's what's causing the problem in the first
place.

First they took the tuning knobs off the radios and made us buy
a separate "antenna tuner" box to get them back. Now they've taken
the selectivity out of our radios and require us to buy external
filters to get it back. Crafty, these Japanese.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

603. Re: Dead ICOM 745 - R70 same?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan13.113704.5002@ke4zv.atl.ga.us>
Source record: 207311

In article <4ctip2$ou8@newsbf02.news.aol.com> n1ddzrjc@aol.com (N1DDZ RJC) writes:
>I hear that the old Icom 745's lose their mind when the battery fails and
>have to be reprogrammed at the factory -- true?

True.

>I'm being offered a 745 that's "dead" (or is it just sleeping?)

Perhaps. Don't *assume* it's the battery. Get in there with a voltmeter
and *see* if it's the battery. These batteries last a long time. If
it is the battery, you can send it back for factory service, not too
expensive, or there's an outfit selling replacement memory boards
using NVRAM, gives you some more features too if you're into scanning
HF.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

604. Re: ICOM 706 and AH2 antenna tuner??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <4d8i3e$6pt@news.halcyon.com>
Source record: 207312

Mike,

All you have to do it is pull the control cable, the one with the 4 pin molex connector, from the back of the AH-2 controler and connect it to the like connector on the rear of the IC-706. The 706 tuner button now becomes the control button for the AH-3. Treat the AH-2 the very same asan AH-3. Using the AH-3 is described in the IC-706 instruction manual.

73' Gary

605. Re: Looking for 2M LNA's with built-in Postselector

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan13.110203.4680@ke4zv.atl.ga.us>
Source record: 207313

In article <4cs2ih$6t8@taxis.corp.titan.com> Mark Monte <mmonte@linkabit.titan.com>
writes:
>Am looking to buy a 2M LNA for my AO-10/13 operations and am wondering
>how many LNA's out there can be bought with a built-in postselector. It
>would really be nice if someone makes one that is optimized for OSCAR
>operation. Low noise figure is important, but so is postselection
>filtering (usually a high-Q helical filter) and adjustable gain @ 10-30
>dB. Thanks in advance for any info regarding what's available out
>there. Mark (AB6ZQ) mmonte@linkabit.titan.com

I haven't seen any commercial preamps with a "postselector" filter.
All of them I have seen have a "preselector" filter in front of the
active device to protect it from overload by off frequency signals.
And 30 db of gain is *far* too much for a single device, especially
an *exposed* device with no filtering in front of it. I have seen
preamps with a GASFET followed by a MMIC that offered that sort of
gain, but you'd better be driving lots of lossy coax or you'll run
the risk of overloading the receiver front end.

A preamp's duty is to set system noise figure. It should have no
more gain than necessary to overcome feedline and filter losses.
Good preamps are made by several companies. I like the SSB Electronics
units, but ARR, Tokyo Hi-Power, and Landwehr make good units too.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

606. Re: Vote here in Favor of Bill Cheek

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: cgreenha@magnus.acs.ohio-state.edu
Message-ID: <cgreenha.47.30F725B0@magnus.acs.ohio-state.edu>
Source record: 207314
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <4d38ns$4pn@newshost.lanl.gov> Gerald Schmitt <kc5egg@eule.lanl.gov> writes:

>Bill Cheek you are doing yourself much more harm than good
>reputation wise by posting before regaining your temper. I
>have read your books and columns and in the past had some
>respect for you and your efforts. I too, have a temper, but
>your postings particularly with the challenges and foul language
>do little to shore up your public image. If the intent of your
>adversaries is to make you look bad you are helping them tenfold
>with your "defense". I know my respect for you has been diminished
>and I am sure the respect of others has also.

Are we sure it's really "Bill Cheek", that's posting?

Just a thought....

73.

Christopher K. Greenhalgh, N8WCT
Computer/Electronic Tech. II at The Ohio State University
E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
Radio : n8wct@w8cqk.#cmh.oh.usa.noam

607. IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: Rick Davis <rdavis2@itouch.net>
Message-ID: <30F802D7.2279@itouch.net>
Source record: 207315

Just bought a Icom '706 and have noticed sensitivity above
the 2M band is not too good. I saw some posts concerning a
mod to fix this and was wondering if someone could forward the
mod to me or point me to a site where I could get it. My HT and
scanner can rcv NOAA while the 706 cannot, so something's not
right. Other than that I'm so far real pleased with the rig.
Also, does anybody know where I can get more info on the computer
interface? Do I need to buy a level converter even if I don't
want to use my PC as the controlling device (i.e. other controlling
devices that use TTL levels)?
Thanks in advance.

Rick Davis
WD5EBU
rdavis2@itouch.net
rick.davis@amd.com

608. Re: Vote here in Favor of Bill Cheek

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: bcheek@cts.com
Message-ID: <4d71t7$ecq@news2.cts.com>
Source record: 207316
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.misc

Gerald Schmitt <kc5egg@eule.lanl.gov> wrote:

>Bill Cheek you are doing yourself much more harm than good
>reputation wise by posting before regaining your temper.

I don't have a temper in virtuality. I just don't play silly games and mince words. Neither do I share the idiotic opinion that it's "ok to be the aggressor, and wrong to defend...." This is how you and some others come off. I don't share your views.....

> I have read your books and columns and in the past had some
>respect for you and your efforts.

Oh gawd, here comes another threat now....

>your postings particularly with the challenges and foul language
>do little to shore up your public image.

I don't care about "image", liver-lips. Geez! What are you doing for YOUR image right now? When I saw your name in the message queue, you were a total neutral-to-positive in my mind. As I read down your needless and senseless post, the image I had of you shot like a rocket down to cesspool level. Two way street, man.

>. I know my respect for you has been diminished
>and I am sure the respect of others has also.

Age old syndrome....speaking for others so you can feel justified in taking a spit at me. Geezus, that's what makes you and me so different. You NEED the approval and "permission" of others. Leave 'em out of it. I can't talk to THEM and YOU, too. You are not empowered to speak for anyone. Marginally for yourself.

Oh......my respect for you has diminished as well. Here, write this down....or MARK-COPY-PASTE it to a file: I have no concern for people who play one-way streets. Your respect for me has no more significance than mine for you. If you are so fickle as to throw that leverage on me out here in a public forum, then you are among those elite few who have a standing invitation to eat my shorts.

It is a very simple and equitable deal, actually. No problem.

Now then, here is the crux of it all. Drop into the Lotus position and meditate upon the gunk in your navel and consider HOW you really don't care what I think of you.....and then place an EQUALS (=) sign next to that and ponder how I really don't care what you think of me. Here....if you are into math, this is what it looks like:

1 = 1

See?

Equality. That's the way it is supposed to be, right? But that's not how you stupidly come off......trying to leverage your respect for me into some sort of a power play in a totally unrelated business matter.

Geez, dude, I write books and do a few other things related to radio to help earn a living. You come off as me being inferior because of that. So what if I stop writing books and developing technical projects for people who can't do it themselves. Would that make me rise to your "do nothing" level?

So you want to cut off your nose to spite your face? Ok. I really can stop writing, if need be. But tell me......WHO will take my place? Would you get Andy Moss to write the next book for you? How about ol' Peter (PjB) Breath? Or that lying, conivving TSMITH?

Or how about YOU? Maybe you'd like to step in my place?

Look dude....come one....come all! Leave my books and my living OUT of this forum unless you need technical support. You are NOT going to leverage your brand of sorry, low-life thinking on me. This is not a Radio Shack store where I have to kiss your ass; wipe your snotty nose; and take your verbal abuse.....all for what, a sale? Aw, fer chrissakes, man......play like a cow turd and hit the trail, will ya?

I am not here for your stupid games. I am not here to sell anything to you. If you think I don't know what I am talking about, then ignore me and don't read or apply the information in my books.

If you would like to compete with me....then do that. I will HELP you! I love competition! I will help you find a publisher or an outlet for your goods. The more, the merrier!

But don't shake a stick at me. Don't threaten me. Don't leverage me. I will NOT deal with a soul on this planet but what it's a straight up, large-print kind of a deal, period. You want something in addition to the deal, then you spell it out in advance in the large print so I can see if I have it or not. And I damn well might not have it. I don't have something for everyone and don't pretend to; not like Radio Shack and other businesses to which you have become accustomed, who will do ANYTHING to dip a hand into your wallet.

From me.....all you get is a square deal and then ONLY if I get one. If that ain't good enough, then eat my shorts or go lay an egg......

Two-way street Bill

609. Re: Vote here in Favor of Bill Cheek

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: bcheek@cts.com
Message-ID: <4d71tc$ecq@news2.cts.com>
Source record: 207317
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.misc

tsmith@ici.net wrote:

>>Kind of like how you don't want to discuss
>>this on the public forum anymore. You're a
>>sleazeball liar and it is probable that I
>>can prove it with facts if we deal in public
>>where you spewed the venomous lies.

>I think the group has had enough of your public ramblings.

DON'T SPEAK FOR "THE GROUP". I have had enough of your lying, and
that is the deal. The ONLY deal. Except that you lied in public, so
we will deal in public. Take it to the bank, Mister Smith. Mister
Fine Upstanding Amateur Radio Operator Smith.

> My opinion still stands

You did NOT express just an opinion. You categorically stated:

> With all due respect to the Mr. Cheek and the scanning community
> much of his information is based on Mr. Parnass's work at Bell Labs.

which is a slimeball, low-life, despicable, underhanded, lie. And I
challenge you to state your case. Get right down and specific with
it. You said it. Now back it up. Or simply admit you lied, to end
the matter.

> along with the developing opinion that the only reason you are here is
> to market your organization, sell books and subscriptions to your newsletter
> and contribute very little otherwise.

Now THAT *is* an opinion. Let me remind you how opinions, especially
unfounded ones, are a lot like rectums. Everybody has one, and they
all stink. You're sucking eggs, big time, on this one, fella, and
time will prove you dead wrong. THAT opinion bothers me not in the
slightest. You're right.....you are entitled to your opinions and to
express them.

So am I.

Bill Cheek

610. Sale PRO2006/KPC9612

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: william russell <wsrusse@mastnet.net>
Message-ID: <4d7brt$4n3@mds1.mastnet.net>
Source record: 207318

Hello I have a near mint cond 2006 for $265.00
and also brand new kpc9612 for $165.00 both will
be shipped insured to your door for that price.

Thanks Scot(KB5YXQ)
(409)297-0354
WSRUSSE@MASTNET.NET

611. FS: Ham radio equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: "Steven A. Bailey" <bailey@skipjack.net>
Message-ID: <4d95c9$nkf@shore4.intercom.net>
Source record: 207319

I have the following items for sale:

1. Astron 20-A linear power supply. 16 Amps continuous.
13.8 VDC. $75

2. Optoelectronics 2810 Hand Held frequency counter.
Range is 10 Hz to 2.4 Ghz $75

3. Palomar PT-340 Tuner-Tuner $50

4. Datong VLF Convertor...converts incoming VLF signals
to frequencies 28 Mhz or higher...For easy tuning on
normal communications receivers. $50

5. MFJ VHF 144-220 Mhz SWR/Wattmeter $15

All the above items work perfectly...I believe these are fair
prices, so you pay shipping.

Steve

612. Re: Good dual-band mobiles to use for remote repeater inputs?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan13.123736.5536@ke4zv.atl.ga.us>
Source record: 207320

In article <4d1ci6$83k@news.cc.oberlin.edu> pruth@ocvaxa.cc.oberlin.edu writes:
>Our club is trying to get remote inputs up and running, and
>we are considering using a pair of dual band mobiles for at
>least one of the links, 2m/440Mhz, for crossbanding. What are
>good, reliable rigs to use for this application? One of our
>technical committee people felt that whatever we chose (he mentioned
>"Kenwood 741 (sic)" we would have to add outboard heatsinks even
>if we ran them at no more than 5 watts. Thanks for your advice.
>--Bill KB8USZ pruth@alpha.cc.oberlin.edu

You certainly don't want to use the Kenwood. At any *good*
receive site, the intermod will drive you insane. You need
at least a semi-pro radio, and preferably a professional
quality radio such as a Motorola or GE. Fortunately, suitable
equipment is dirt cheap on the surplus market. You can combine
a VHF receive strip and a UHF transmit strip in a single
case with some Motorola and GE models. This makes a compact
and easy remote link radio. Add a simple COR circuit, and
an IDer/timer, and you're done.

These radios will run forever at reduced power, no extra
heatsinking required. It's easy to turn down a GE, I think
most Motorolas are easy to turn down too, but I use mainly
GE radios. These radios are typically 40 to 110 watt units.
Turned down to 5-15 watts, they don't even get warm to the
touch after running key down all day.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

613. IC-551D vs. TS-60?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: fedpress@omnifest.uwm.edu
Message-ID: <4d8qrb$bl6@omnifest.uwm.edu>
Source record: 207321

Can anyone out there tell me how these two 6m multi-mode rigs compare?
(Especially receiver sensitivity, selectivity, etc.)

TNX ES 73,

Rick WB9GYT

614. Re: CAP and MARS???????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan13.131042.5938@ke4zv.atl.ga.us>
Source record: 207322

In article <charlie-1101961707590001@thebe08.netdepot.com> charlie@netdepot.com (Charlie Fortner) writes:
>The subject line says it all. What is this CAP and MARS stuff I've seen
>advertised on some HTs and mobile units?

They are code phrases to let people know that they can easily
modify the radio for frequencies where they aren't allowed to
transmit, IE that the radio is suitable for criminal purposes.

They also stand for Civil Air Patrol and Military Affiliate Radio
System, which are radio services where modified amateur radios
are allowed to legally transmit, using military frequencies,
with proper service approvals of course.

The Civil Air Patrol is a SAR auxillary of the US Air Force,
and MARS is affiliated with branches of the US military as
well, IE Navy MARS, Army MARS, etc. MARS is not the same
as a military recreation station, which must use ordinary
amateur frequencies on a US military base. MARS operators
use military frequencies, usually just outside amateur
bands on HF and VHF. MARS operation is primarily oriented
toward drill and training in military communications
procedures.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

615. Re: CAP and MARS???????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: ccorliss@ezl.com
Message-ID: <ccorliss.1.0002106D@ezl.com>
Source record: 207323

In article <NEWTNews.821471070.8883.bjones@bjones.aramco.com> bjones@aramco.com writes:
>From: bjones@aramco.com
>Subject: Re: CAP and MARS???????
>Date: Fri, 12 Jan 96 10:12:46 PDT

>Charlie Fortner <charlie@netdepot.com> said..
>>The subject line says it all. What is this CAP and MARS stuff I've seen
>>advertised on some HTs and mobile units?

>How about

>CAP - Civil Air Patrol

>MARS - Military Affiliate Radio System

>I think you can get into CAP without being an amateur radio operator but
>MARS would be difficult unless your active military. I'm not a member of
>either group, maybe someone who is will detail further.

>73 de KC5EVD
>Billy

KC5EVD is correct you do not have to be an amatuer operator to join the Civil Air Patrol. CAP is the official auxiliary of the U.S. Air Force and as a part of its day to day operations and in support of it Search and rescue missions uses certain frequencies approximating the 2m band (ie 148.150Mhz is the nationwide primary CAP frequency). The listing of CAP/MARS in the tag line of radios infroms members of the group that the radio can be modified for use on their freqs. Being an amatuer is always good and CAP can always use more trained operators...if you want some more info drop me a note.

I'm not sure about MARS as I'm not a member

Thanx and catch you on the flip side
Chad N9WXI
1lt, CAP 286th Composite Squadron

616. FS: Ten-Tec Omni-D plus MFJ-1278T

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: Gary Schoep <ggs1@ra.msstate.edu>
Message-ID: <4d7ne6$cdf@NNTP.MsState.Edu>
Source record: 207324

Amateur Radio Equipment For Sale:

Ten-Tec Omni-D 100 watt HF Receiver-Transmitter
Bands- 160, 75/80, 40, 30, 20, 15, 10 (28.0, 29.0, 29.5 MHz) Meters
Modes- SB-N, SB-R, CW
Extras- QSK, ALC, Notch Filter

This is a solid state 100 watt receiver-transmitter. At the time
it was built it was state-of-the-art and still has a good following.
It has a digital tuner with a digital frequency display (the D in
Omni-D).

Best of all it is 100 watts!!!

The RT was owned by a missionary in Colombia (REALLY!!) and is in fair
condition (scratches).

w/ manual, power connector and wolfman sticker

PLUS

MFJ-1278T (turbo) Terminal Node Controller
This unit does everything. CW, RTTY, FAX, Packet, AMTOR, PACTOR ....
It has the turbo (2400 baud) packet modem.

This is a Rev. 9 firmware which can be upgraded to the newer modes. (49$)
MFJ offers all kinds of accessories for this TNC: DSP, Mailbox Memory
upgrades, Real Time Clock, Etc. I will include an MFJ catalog.

I have used this TNC. (It logs on etc. but may need calibration which is
in the manual)

w/ manual, ac adapter, serial cable, and non-original box (wrong sn#)

The radio is valued at $400 (by Ten-Tec) and a used 1278T is worth $150.

I am offering BOTH for $500, very negotiable
You will never get a digital station this cheap!!

Terms COD CASH plus shipping (I will double box)

If I cant sell both I will keep both.
I DONT REALLY WANT TO SELL BUT I NEED THE MONEY!*@!#@!!!

Mail or Call,

Gary Schoep
KC5LIP
ggs1@ra.msstate.edu

1000 HWY 25 South, #48
Starkville, MS 39759

601-323-3456

(@ #76 in callbook, I moved)
(on unix finger ggs1@ra.msstate.edu)

617. Re: Recommend fast charger for AA Nicad Cells

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: schuster@panix.com
Message-ID: <4d9flc$3vr@panix3.panix.com>
Source record: 207325

In article <dgfDL2vy1.3Ew@netcom.com>, David Feldman <dgf@netcom.com> wrote:
>In article <30f679c1.72949341@news.agt.net> smason@agt.net (Steve Mason) writes:
>>
>>>: The Millennium AA's that I have are rated 750 mAh and some Panasonics that
>>>: I saw recently were only rated 500 mAh. I am not sure about the high
>>>: power Radio Shack version.
>>
>>the shops that used to carry Millenium locally are gone, so I haven't been
>>able to locate the 3hour charger. Apparently Gates (makers of Millenium) were
>
>I picked up a 3-hour "conditioner/charger" at rat shack for about $16 or so.
>It is only for AA cells, and does a 1 hour discharge followed by 2 hour
>charge cycle. Main drawback is you MUST do exactly 4 cells at once. I've
>been using it with the rat shack 850 mAH (or whatever - higher capacity)
>AA cells for a little bit and the results seem good.

I have several very big philosophical problems over the design of such a charger.

If you have to charge 4 cells at once, then you can bet they're all wired in series. What about the discharge cycle? I HOPE it terminates before 1 hour if the total voltage falls below 1 volt per cell, because continued discharge will ruin the weakest cell through reverse charge. This can happen in a MILLIsecond, folks!

Of course, the success of a discharge cycle so designed, must depend on all cells having equal capacity (both rated and ACTUAL) or else one of them will surely go dead before the others, as pointed out above. Suppose your device only uses 2 cells? or 3? How do you charge (or discharge) them in this device without ruining one?

A charger having a fixed 2-hour charge cycle will only properly charge cells having ONE capacity. Cells having a higher capacity will not charge fully in 2 hours. Cells having a lower capacity will be cooked.

The capacity the charger is designed for is easy to figure out: look on the back and see what the charging current is and multiply it by about 1.4

For instance, Radio Shaft's older 2-hour charger put out 350 mA, which means a 2-hour cycle PROPERLY charges only 500 mAH cells. Higher capacity cells would need a fraction of an additional charge cycle, which means you'd have to disconnect the charger manually before the end of the second 2 hours, or else your cells get FRIED. Lower capacity cells (like their older 450 mAH penlite cells) are pretty much out of circulation ... but these would be damaged by overcharging well before the 2 hours are up.

Bottom line: not with MY batteries, you don't; Radio Shaft!

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | schuster@mem.po.com

618. Re: IC-706 Price -- are US Hams paying too much ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: carters@igrin.co.nz
Message-ID: <4d8egf$e7q@newsource.ihug.co.nz>
Source record: 207326

In article <4cjvnd$4cl@news1.seikotsi.com>, jkaplan@seikotsi.com (James S. Kaplan) says:
>
>I was in Amsterdam last August (before the US release of the '706) and
>the cash price after dickering was $1900 US. I bought mine in the
>Northwest for $1200.

Retail Price here in New Zealand is $2452.00
Cash price is $2200.00 in Auckland(the main centre)
In Australia, their price is $2400 as well.
With the conversion rate in the dollar, it would work out to about
the same here for US dollars. (NZ$1=0.67c US)

619. Maxtrac-100 2 Channel to 32 Channel????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: tac63@aol.com
Message-ID: <4d8ac6$ilm@newsbf02.news.aol.com>
Source record: 207327

I know you can reprogram a Maxtrac-100 2 channel VHF high band to a 16 channel, but how about to a 32 channel?? It has a 5 pin connector in the rear. Any technical advice would be greatly appreciated. Thanx in advance.

Ron
TAC63@AOL.COM

620. Icom 970H MARS/CAP Mod?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: "Bruce J. Howes" <bhowes@buffnet.net>
Message-ID: <30F869CA.526E@buffnet.net>
Source record: 207328

Does anyone know if there is a MARS/CAP mod for the Icom 970H? If so where could I locate such a mod?

73,
Bruce KB2VKJ

==========
Bruce J. Howes KB2VKJ Compuserve: 75340,3165
East Amherst, NY USA Internet: kb2vkj@amsat.org
Grid FN03pa Packet: KB2VKJ@N2QNG.#WNY.NY.USA.NOAM
AMSAT #30466 ARRL FAX: (716)689-2880
==========

621. Re: Vote here in Favor of Bill Cheek

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: bcheek@cts.com
Message-ID: <4d8n90$k1n@news2.cts.com>
Source record: 207329
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.misc

rfm@urth.eng.sun.com (Rich McAllister) wrote:

>>Mr. Alexander, you were and remain categorically OUT OF ORDER.
>>That, sir, is the objection.

>Fascinating. Where on earth did you get the idea that USENET runs
>under Roberts' Rules of Order?

Easy. I'm "Robert".

Ok?

622. Re: equipment list

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan13.125323.5810@ke4zv.atl.ga.us>
Source record: 207330

In article <4d1u2n$uj5@latte.cici.com> richesop@cici.com (Peter D.Richeson) writes:
>Does any one know of a good listing for used equipment. not a fs list but a
>list that will tell me somthing about a pice of equipment. For example: I
>see an add for an IC900. What the heck is it. What are its specs. How long
>has it been on the market.
>
>I am trying to get into VHF/UHF ssb work and don't realy know the equpment.

The IC900 is FM only. It used a stack of band modules that you could
buy separately, had a remote head unit connected to the radio mainframe
by fiberoptic cable, and was orphaned by Icom when the IC-901 came out.
Major bummer!

To find out about what radios are available and what they do, the
ARRL publishes _The ARRL Radio Buyer's Sourcebooks_ which are
compilations of all the QST product reviews for radio equipment from
1981 through 1992, plus a few golden oldies. I believe CQ publishes
something similar.

If your library gets QST, searching through back issues can get
this information free. If your library doesn't carry QST, why not?
Give them a gift subscription if you have to.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

623. Kenwood TS870S Review

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: ad7k@bighorn.accessnv.com
Message-ID: <4d90d7$ee@bighorn.accessnv.com>
Source record: 207331

For those who were asking about the TS870S, there is a five-page review (along with an offer for a 30-page test result report for $7.50 for ARRL members, $12.50 non-members), starting on page 71 of the February 1996 QST ... watch for it.

73 to all,

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

624. Re: Ameritron Amplifiers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: "Tom C. Brown, Jr." <tbrown@teclink.net>
Message-ID: <4d98kh$a2v@felix.teclink.net>
Source record: 207332

That's right, Peter, MFJ does own Ameritron. Both companies are in Starkville, Miss., but I don't think they are at the same plant. I have been to the MFJ plant but didn't see a sign of Ameritron there. Also, I think I remember the CIS rep for MFJ, Stan, saying something on CIS about the two companies not sharing the same building.

73

Tom KJ5IE

625. ADI 2 meter radios. Who is ADI?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: James.Molinaro@Microserve.com
Message-ID: <96011361004@microserve.com>
Source record: 207333

Lately I have been seeing ads for ADI 2 meter radios made by Premier Communications. Prices are very reasonable. Does anyone have any info on this company?
Thanks in advance.

Jim

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626. Need Info RE: XCVR converters with KNWD TS140S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: johnwb2kgd@aol.com
Message-ID: <4d8o4r$nnq@newsbf02.news.aol.com>
Source record: 207334

I am currently looking for information on interfacing VHF Xcvr Converters
to the Kenwood TS-140S XCVR. I need to use this rig as my entire station
is built into a closet and the small size of the TS140S is helpful. I am
looking to use this rig in CW/SSB satellite work. Tnx/73's John
John Helfer WB2KGD

627. Re: IC-706 schematic ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan13.124419.5724@ke4zv.atl.ga.us>
Source record: 207335

In article <8213108152002@lss.humnet.humberc.on.ca> hduff@humnet.humberc.on.ca (Hugh Duff) writes:
>
>Anyone know how to go about aquiring a schematic
>for the IC-706. Not only did I not get a mobile
>mounting bracket for it but no schematic !!!
>I hope its not an "option" too ! (ie...must purchase
>the service manual to get a schematic ???)

You got it, Hugh, the schematics are only included with the $48 service manual (which is due out this month, I have one on backorder). I think this stinks! However, there are some Xeroxed schematics floating around. If you pester your Icom rep hard enough, he might be able to get you one.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

628. **Inovative Ham Classified Page Opens on the Web**

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-1301960150360001@host37.cyberg8t.com>
Source record: 207336

The Raymond Sarrio Company's Ham Radio WWW site is proud to announce a FREE Ham Radio classified advertising page at http://www.csz.com/sarrio.html. This new classified page will allow Hams to find equipement with the help of a search engine--no need to scroll through 100's of listing before you find that special piece of gear. Plus, when you find the gear you'er interested in, you are also provided with easy point-and-click e-mail access, directly to the Ham that listed the item.

For those Hams with gear to sell, take note! there is NO charge to list your equipment within Ham Classifieds, and there will be no posting time delays. Your posting(s) will go on-line in our classified search engine immediately. All you need do is fill out a simple forms page, and upon its (point-and-click) submission your "For Sale" classified is immediately on-line.

```
I will be purging the classified listings initially, about once every
month, but that timeline will shorten as our classified numbers grow.
```

Give it a try, and let me know how you like it (we are still beta testing)
73's Ray
--
Visit the Raymond Sarrio Co. Ham Radio Web site http://www.csz.com/sarrio.html
Extensive discount Catalog, New Cool Links Page
Ham Poll--New poll questions asked monthly

629. FS: Ten-Tec 6 M XVTR

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: maccluer@pilot.msu.edu
Message-ID: <4d97vr$ifv@msunews.cl.msu.edu>
Source record: 207337

Greetings---

I have a well constructed Ten-Tec 6 M transverter for sale: $130.

Puts out 10 W with 5 W drive at 20 M. Getting a XCVR.
73,

Chuck W8MQW

maccluer@math.msu.edu

630. FS: Kantronics KPC-9612

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: richardl@adobe.com
Message-ID: <4d6ter$flq@enquirer.mv.us.adobe.com>
Source record: 207338
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

FS: Kantronics KPC 9612 with box and all papers.
Soldered capacitor to DIN-9 connector with 3.5 millimeter
for mic jack and 2.5 mm for speacker jack on Kenwood
handheld no cover. Also soldered power lug to 9-volt
battery snap. Will ship whole deal or unsolder the
parts for you. Works perfectly, only 2 month since
purchase.

$180 (includes shipping in continental US)
Will not entertain offers from outside continental US
richardl@adobe.com

631. Re: repeaters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: ahusik@pluto.njcc.com
Message-ID: <4d8if2$d1p@earth.njcc.com>
Source record: 207339

sra@pluto.njcc.com (Seth) wrote:

>I'm looking to set up a repeater and I was wondering if anyone had
>suggestions on good equipment to use. it would be 2m band with
>autopatch and other little goodies.
>thank you.
> Seth, KB2WLU

Seth, I don't know what to tell you... There are many decent repeaters out there and people have had luck using many of them. Make sure you take into account the required power you will need and the range of your antenna.

Most of all, good luck. You're starting a complicated project but it will be rewarding in the end (not to mention a great service to your area!).

Is there anyone else here who can help Seth with the technical aspects?

632. Re: SGC-230 Ground????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: gary <design@thereporter.com>
Message-ID: <4d903k$p9b@miwok.nbn.com>
Source record: 207340

Attic HF antennas are NOTORIOUS for creating severe interference on just about everything in the house due to the proximity to A.C. wiring that is ALSO usually installed in attics. It will do everything from lighting hallway lights, to powering speakers - whether the actual appliance is turned on or not. It's bad enough in a single family home, but catastrophic in a condo, or apartment complex - the neighbors WON'T be sympathetic! I have a SGC 230, it works great, and is not the problem in your case, the installation IS. The farther away from house wiring you can put the actual antenna, the better. Consider the use of very fine copper wire - it's VERY hard to see, but radiates as well as the big stuff, and might permit installation farther away from your house without being conspicuous.

--
Gary.... *** I AM THE NRA! ***

"ONLY IN AMERICA: Veterans in shacks... a draft dodger in the White House!"

"I love my country... it's my government that disgusts me."

633. Re: BayPac TNC any good?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: n6cr@ix.netcom.com
Message-ID: <4d8blc$4ja@ixnews4.ix.netcom.com>
Source record: 207341

In <dale-1201962045400001@s012h002.dialup.unc.edu> dale@unc.edu (Dale Castle) writes:
>
> Is the Tigertronics BayPac RS232 software driven TNC any good? What are
>the disadvantages to regular TNCs. This one only costs $50. Thanks. 73s.
>
>dale castle
>KD4EAP
>castle@usit.oit.unc.edu

I've had one for about a year and a half. It works quite well and the Baycom software is really slick--multiple channel connects, channel activity monitoring, etc. It makes for a perfect portable packet station along with a laptop and ht. Well worth the $$$. HOWEVER...if you are going to try to integrate your hf station with packetcluster control, the BAYCOM is not the answer...it won't work. I use regular tncs for the home station, and keep the baycom for travel and bbs check-ins. Get one...you'll have a lot of fun with it. And the regular software that comes with it (ver. 1.4) works just fine. GL/73 de Rick, N6CR

634. Re: Maxtrac-100 2 channel to 32 Channel????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: kjsmith@violin.aix.calpoly.edu
Message-ID: <4dab6b$2fbu@violin.aix.calpoly.edu>
Source record: 207342

Has anyone gone beyond 32 channels, to say, 99? I'd imagine it'd take a
different chip, and perhaps some hacking of the Motorola RSS.

--
Kirk J. Smith, KD6RCT, EMT-P | Biological Sciences Dept, Microbiology
kjsmith@oboe.aix.calpoly.edu | California Polytechnic State University
http://www.calpoly.edu/~kjsmith | San Luis Obispo, California, USA

635. Re: Ear Microphone

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: cmhskier@aol.com
Message-ID: <4d9q7o$8lr@newsbf02.news.aol.com>
Source record: 207343

I've got one on my Kenwood- Called "Ear Talk". Works great, but I'd
like the remote PTT switch cable o be a foot longer.

636. UHF REPEATER FOR SALE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: jm37@evansville.edu
Message-ID: <4d8o5p$23f3@cedar.evansville.edu>
Source record: 207344

Looking for a good compact UHF repeater for your local radio community?

HAVE I GOT A DEAL FOR YOU!!!!!!!!!!!!!!!!!!!!

MINT CONDITION
KENWOOD TKR-820
UHF REPEATER
WITH DUPLEXERS
AND POWER SUPPLY FOR AC
AROUND 30 WATTS OUTPUT
CTCSS PROGRAMMABLE
FREQUENCY PROGRAMMABLE
COMES COMPLETE WITH COMET COMMERCIAL BAND HIGH GAIN ANT!
AND AROUND 50+ FEET OF CQ4XL COAX (THE GOOD STUFF)

SELLING NEW FOR AROUND $1700-$2000
BARGIN PRICE OF $1000 COVERS EVERYTHING!!!!!

All interested parties may E-Mail me at

jm37@evansville.edu or
Itzmindy3@aol.com

or call 812-476-2640 and ask for Jeremy

DONT PASS UP THIS GREAT DEAL!!!!!!

637. FREE DEMO:DXtreme Station Log System V2.0

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: dxtreme@ix.netcom.com
Message-ID: <4d7b2c$9rp@cloner3.netcom.com>
Source record: 207437

Announcing the DXtreme Amateur Radio Station Log System(tm) Version 2.0

Designed for HF DXers, this affordable logging program lets you enter
your contacts and track the DXCC performance of your station.
DXtreme(tm) features attractive, easy-to-use screens, and a full range
of inquiries and reports.

PC/AT-compatibles, 80386DX+, MS-DOS 5.0+.

Write for a copy of the data sheet and more information, including how
to obtain the free Demo version of DXtreme. Contact me at
dxtreme@ix.netcom.com.

Thanks and 73,

Bob Raymond, NE1I

638. IC 820H extnd rcv. MOD ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: cnord@mail.snet.net
Message-ID: <4d721h$1lu0@CT1.SNET.Net>
Source record: 207438

Anybody have the mod to extend the rcv for this great radio ?

639. Help: Hooking up TS-450S to Linear Amplifier

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: peterjs@aol.com
Message-ID: <4d7igl$abr@newsbf02.news.aol.com>
Source record: 207439

Anybody out there successfully hooked up a TS-450S to a (Ameritron 811H) linear amplifier? I need to get RELAY and ALC connections between the TS-450S and the Ameritron. The TS-450S has a REMOTE 7 pin connection and I'm not sure which of the 3 RELAY pins on the TS-450S need to get hooked up to the Ameritron who calls for 2 sheilded audio cables, one for the RELAY and the other for the ALC.

Thanks ... Peter, KE6VMJ

640. AR5000 Reviews?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: feustel@netcom.com
Message-ID: <feustelDL4JEI.B9s@netcom.com>
Source record: 207440
Cross-posted to: alt.radio.scanner,rec.radio.amateur.equipment,rec.radio.scanner

Has anyone had any experience with or seen any reviews of
the new Cyberscan AR5000 from AOR Ltd?
--
feustel@netcom.com
Dave Feustel N9MYI For PGP Public Key, finger feustel@netcom.com
Fort Wayne, IN Or else access http://www.mixi.net/~feustel/
219-483-1857

641. Selling some ham radio/computer stuff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: bbattles@nai.net
Message-ID: <4d86fs$sn@a3bsrv.nai.net>
Source record: 207441
Cross-posted to: comp.forsale.computers,misc.forsale.computer,alt.forsale,misc.forsale.computers.memory,misc.forsale.computers.pc-specific.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.swap,

```
Going once, going twice...

1) AEA PK-232MBX, hardly used, includes PACTOR
firmware, manuals, access., etc. $215

2) Kantronics KAM PLus, includes G-TOR, etc.
No box, no manuals, etc. $215

3) Hewlett-Packard ScanJet black-and-white
flatbed scanner, with interface card,
cable, software, manuals, etc
(I can't get it to work under Windows 95.) $150

4) Buslogic BT-510A caching IDE controller,
ISA bus, supports up to 4 IDE hard drives
and 2 floppies; 30-pin SIMM slots; with
manual and driver software. $75

5) Five 1 MB 30-pin SIMMs (1x9) 80 ns. $25/ea, all 5 for $110

6) 250 MB Irwin Archive SuperHornet tape backup
drive; plugs into your floppy controller;
uses standard QIC-80 tapes; with manual and
DOS software $30

7) Reveal quad-speed CD-ROM (made by Goldstar)
with Windows driver software $110

Call and get 'em while you can!

Everything's "as is," no guarantees; all prices negotiable; will
discount if you take a bunch of stuff!

Have an exceptional weekend!

--73 de BB

+---------------------------------------------------------------------+
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| Tel 860-827-9956, fax 860-827-0207, e-mail: bbattles@nai.net |
| Amateur Radio call sign: WS1O "Tune to 204.71.21.21 on your dial!" |
| Packet radio: WS1O@W1EDH.CT.USA.NOAM (AX.25) |
| ws1o@ws1o-2.ampr.org (TCP/IP) |
```

+--+

642. Re: Selling some ham radio/computer stuff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: Kit Kocielo <kitn1mcc@q.continuum.net>
Message-ID: <4d8qln$kqf@news.continuum.net>
Source record: 207442
Cross-posted to: comp.forsale.computers,misc.forsale.computer,alt.forsale,misc.forsale.computers.memory,misc.forsale.computers.pc-specific.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.swap,

```
bbattles@nai.net (Brian Battles, WS1O) wrote:
>
>
> Going once, going twice...
>
>1) AEA PK-232MBX, hardly used, includes PACTOR
> firmware, manuals, access., etc. $215
>
>2) Kantronics KAM PLus, includes G-TOR, etc.
> No box, no manuals, etc. $215
>
>3) Hewlett-Packard ScanJet black-and-white
> flatbed scanner, with interface card,
> cable, software, manuals, etc
> (I can't get it to work under Windows 95.) $150
>
>4) Buslogic BT-510A caching IDE controller,
> ISA bus, supports up to 4 IDE hard drives
> and 2 floppies; 30-pin SIMM slots; with
> manual and driver software. $75
>
>5) Five 1 MB 30-pin SIMMs (1x9) 80 ns. $25/ea, all 5 for $110
>
>6) 250 MB Irwin Archive SuperHornet tape backup
> drive; plugs into your floppy controller;
> uses standard QIC-80 tapes; with manual and
> DOS software $30
>
>7) Reveal quad-speed CD-ROM (made by Goldstar)
> with Windows driver software $110
>
>
> Call and get 'em while you can!
>
> Everything's "as is," no guarantees; all prices negotiable; will
>discount if you take a bunch of stuff!
>
> Have an exceptional weekend!
>
> --73 de BB
>
>+--------------------------------------------------------------------+
```

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>| Tel 860-827-9956, fax 860-827-0207, e-mail: bbattles@nai.net |
>| Amateur Radio call sign: WS1O "Tune to 204.71.21.21 on your dial!" |
>| Packet radio: WS1O@W1EDH.CT.USA.NOAM (AX.25) |
>| ws1o@ws1o-2.ampr.org (TCP/IP) |
>+--------------------------------------------------------------------+
>
```

Bunch of crap i see

643. FS: '34-'35 Radio News Magazines

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: Michael Neidich <neidich@interport.net>
Message-ID: <30F83DB1.423C@interport.net>
Source record: 207443
Cross-posted to: rec.antiques.marketplace,rec.antiques,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.shortwave,rec.radio.swap,rec.radio.scanner

For sale: 5 issues in perfect condition, "Radio News & Short Wave Radio"
Nov. '34, Dec. '34, Jan. '35, Feb. '35, Apr. '35. $25 ea. ppd.
First come first served. Enclose s.a.s.e. and I will return your check.
See what radio listening was 60 years ago!
K2ENN

644. FREE: Zenith TransOceanic List of Model Nrs. etc.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: Michael Neidich <neidich@interport.net>
Message-ID: <30F7C4C5.496B@interport.net>
Source record: 207444

Reply to this via email, putting FREE LIST in body of message and I will email you a hand reference list of model numbers, chassis numbers, nr. of tubes, nr. of bands, and other useful info. For Trans-Oceanic only, I will act as a clearing house for schematics, tubes, buy/sell. I am looking for a 7000-2 12 band for my own use.
73, K2ENN

645. FREE: Zenith TransOceanic List Model Nrs.etc.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: Michael Neidich <neidich@interport.net>
Message-ID: <30F7BA18.2DB1@interport.net>
Source record: 207445
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

For newcomers to boatanchors, request via email my handy reference list of model numbers and salient characteristics of the Zenith Trans-Oceanic series of short wave radios. I also act as a clearing house for tubes. If you have any of the T-O tube line-up (now on my latest list) let me know, and $ wanted. I will be offering a color photo series of the L600-L soon. Let's hear from you! To get my list, just put "Free List" in the body of the text.

73, K2ENN

646. KAM HF-TOR/VHF packet cross-connect?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <4d86u1$ht3@newsbf02.news.aol.com>
Source record: 207446

Anyone have any info on setting up a station that will allow real-time cross connects from HF-TOR modes over to VHF packet? Any help is appreciated!
Mike KS4DA

647. 2 Meter SWR Meter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: David.Sosnin@devils.emi.net
Message-ID: <851_9601130209@devils.emi.net>
Source record: 207447

Can anyone suggest a good 144 MHZ SWR meter?

Thanks

--
|Fidonet: David Sosnin 1:3609/76
|Internet: David.Sosnin@devils.emi.net
|
| Standard disclaimer: The views of this user are strictly his own.

648. Re: SGC-230 Ground????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan13.112125.4796@ke4zv.atl.ga.us>
Source record: 207448

In article <4ct3rb$iji@newsbf02.news.aol.com> rickcrider@aol.com (RICKCRIDER) writes:
>All:
>OK.....OK.....First the admission of guilt: The antenna tuner is
>grounded to a cast iron natural gas pipe. Plain and simple.

That's a violation of the National Electrical Code, dangerous, and
your homeowner's insurance is void if they find out. Go disconnect
it right now, then come back and we'll talk.

//

//
Ok, now that you're back, we can talk about a safe antenna installation.

>The tuner
>is mounted in the attic in a large two story house. It is the *only*
>existing contact with ground in the attic. (other than the ac third wire
>neutral) The only other possibility is running copper grounding wire
>across the attic , out of the boxing, winding it down around the various
>contours of the house to a driven ground rod. The ground wire would be
>about as long as the antenna itself.

Good. Then it would make an effective counterpoise. You can omit the
driven rod if you like. It won't do you any good.

>Now, the problem: The rf signals are getting into the ac lines of the
>house. The unit tunes well, tx's and rx's well. Very well. (Fed from
>an ICOM 706 rig. The signals come through some domestic household
>receivers (AM/FM Cassette, tv, vcr, etc., *even* when they are turned
>*off*.)
>
>I need help. Thanks.

I'm not surprised. In the first place, attic HF antennas are lousy
antennas, and unbalanced attic antennas are worse. *Of course* you
have high RF fields throughout the house, and *of course* you're
getting into everything electronic with your signals. If there's
any conceivable way, you want a *balanced* outdoor antenna. A 105
foot or so flattop fed in the middle with balanced line would be a
dandy all band antenna. It'd get the high RF fields away from the
house, and because it's balanced, won't require any kind of ground
connection at all.

If you absolutely can't get the antenna outside, then use as long
a balanced flattop as you can mounted right up against the attic
peak. Feed that with balanced line, and reduce power until the
RF fields are down to a safe level in the house. Don't even think

about using an unbalanced antenna in your situation.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

649. Ten-Tec 1208 6m Xvtr

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: an142028@anon.penet.fi
Message-ID: <013309Z13011996@anon.penet.fi>
Source record: 207449

Just a quick post to echo those who have built the Ten-Tec
1208 kit and found it well-designed & documented, fun to build,
and worth the price. It's an easy way to get on 6 meters (in my
case, back on 6 after a 17-year hiatus). I get 10 watts out of
mine (per the Bird) without any tweaking other than normal tuneup
per the manual. The "driver" is my IC-735, suitably tweaked down
to 5 W out on 20 meters (with a *BIG* warning label to remind me
not to forget to turn it down!).

Now for a homebrew "brick" so I can *"REALLY* hose down
Channel 2..... ;-)

73,

Paul, K4MSG

P.S. If the person who bought my P-P 6146A 6-meter amp in 1979
reads this: Still have it? Wanna sell it back to me? Oh, well,
guess I'll have to rebuild using a '90s approach - a board, a
hunk of silicon, and a big heat sink.....

--****ATTENTION****--****ATTENTION****--****ATTENTION****--***ATTENTION***
Your e-mail reply to this message WILL be *automatically* ANONYMIZED.
Please, report inappropriate use to abuse@anon.penet.fi
For information (incl. non-anon reply) write to help@anon.penet.fi
If you have any problems, address them to admin@anon.penet.fi

650. R71A Remotes?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: tsmith@ici.net
Message-ID: <4d71id$cou@crusher.ici.net>
Source record: 207450
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.equipment

Looking to buy an IR remote for the R71A or rent one to clone it with a learning remote..will pay shiipping both ways.

Thanks,

Tim Smith

Email: tsmith@ici.com
WWW: http://www.ici.net/cust_pages/tsmith/tsmith.html
Fax: 508-758-9605

651. Re: Dead ICOM 745 - R70 same?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan13.114242.5180@ke4zv.atl.ga.us>
Source record: 207451

In article <30f2ab17.12274115@news.efn.org> dhughes@efn.org (Dick Hughes) writes:
>I use my IC-745 in our motorhome. It is a fine little rig. It
>doesn't have all the bells and whistles of newer rigs, but it is
>probably one of the smallest available with a built-in (optional) A/C
>power supply. It also has 200 watts input. Most rigs today are
>around 150 watts. With the A/C supply, internal keyer and the proper
>filters it is a perfect, self-contained rig for portable use.

The receiver is prone to overload though, probably not a problem
on mobile antennas. The IC-735 is a *much* better rig, but the
old IC-745 isn't bad if you stay away from strong signals. I like
the way the PBT and IF shift work on the 745 better than the 735.
BTW modern rigs are rated by their power *output* and the IC-745
is a 100 watt radio by that measure.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

652. Re: Yaesu FT470 What is a fair price?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan13.120953.5360@ke4zv.atl.ga.us>
Source record: 207452

In article <rheltonDKxGAw.9o4@netcom.com> rhelton@netcom.com (Richard Helton) writes:
>I have an opertunity to buy a FT470. The unit has had mods done and has
>an extra battery. What would be a fair price to pay for this unit. It
>is in very good condition. Your opinion is most welcome!

About $150, $200 if it's really nice. Good radio in it's day, easy
to use, rugged, but it's bigger than the current crop and that hurts
resale.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

653. Re: Repairs - HF gear

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: ko4ta@mindspring.com
Message-ID: <4d8i6d$16r@brickbat.mindspring.com>
Source record: 207453
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

Jeffrey Pawlan <jpawlan@pawlan.com> wrote:

{There is no time better than the present to learn how to
{repair your own equipment. You do have an amatuer license?

I have a friend that has an amateur repair do it yourself video
selection. That will teach you how to do simple repairs on the most
common hf equipment.

He has a web page and you can order it off the web I think.....

His address is .....

The Radio Doctor's Homepage
http://www.mindspring.com/~n4da/top.html

Good Luck....

You are cordially invited to stop by the World Wide Web Page for A.S.A.P. Protection
Company at....

http://www.mindspring.com/~ko4ta/alarm.html
Burglar/Fire Alarm Equipment for Sale at "Installer Direct" Pricing!

654. Re: Vote here in Favor of Bill Cheek

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-13 00:00:00 UTC
From: wynnt@utkux4.utk.edu
Message-ID: <wynnt.118.00504BAE@utkux4.utk.edu>
Source record: 207454
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <4d38ns$4pn@newshost.lanl.gov> Gerald Schmitt <kc5egg@eule.lanl.gov> writes:

>Bill Cheek you are doing yourself much more harm than good
>reputation wise by posting before regaining your temper.

Hmmm,
Perhaps in your own eyes or your own opinion, but not mine.
I think Bill has demonstrated an effective and efficient way to
deal with slander on the internet. If Bill's response has some
shock value well "...heat...kitchen..." get it .;-). What is
wrong with some demonstrative indignation? Most internet slanderers
pick on victims who have no voice for defense on the net. These
goof balls pick on Bill who not only has a voice but can put some
fire behind it. Seeing the reaction of the slanderers to Bill's
rebuttals has been amusing.

Best regards,
wynnt

655. Re: IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-14 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan14.203420.13019@ke4zv.atl.ga.us>
Source record: 207255

In article <30F802D7.2279@itouch.net> Rick Davis <rdavis2@itouch.net> writes:
>Just bought a Icom '706 and have noticed sensitivity above
>the 2M band is not too good. I saw some posts concerning a
>mod to fix this and was wondering if someone could forward the
>mod to me or point me to a site where I could get it. My HT and
>scanner can rcv NOAA while the 706 cannot, so something's not
>right. Other than that I'm so far real pleased with the rig.

It's the famous "yellow wire" mod. When you take off the top
cover, you'll notice a connector in the center of the radio
with a number of colored wires coming from it. The 4th from
the left is a yellow wire. Remove it from the connector. That
will improve receive above 148 MHz. Unfortunately it trashes
receive below 120 MHz (on VHF, this mod has no effect on HF).
So you have to do one more step. Turn the radio over and remove
the bottom cover. At the front edge of the circuit board, you'll
see 5 tiny SMD transistors. There's a trace coming from the middle
one going over to near a connector on the right of the board. There's
a feedthru hole there. Extend the yellow wire you disconnected in
step one, and solder it to this through hole. Now you'll have proper
behavior below 120 MHz too.

>Also, does anybody know where I can get more info on the computer
>interface? Do I need to buy a level converter even if I don't
>want to use my PC as the controlling device (i.e. other controlling
>devices that use TTL levels)?

As long as they are Icom C-IV compatable, just hook them up.
Make sure the addressing doesn't conflict, and be wary of
the IC-735 which requires a different data format, menu
selectable on the IC-706.

Note that the C-IV bus is a *party line* which may have
contention, devices hooked to the bus have to be C-IV
compatable or smoke may roll.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

656. Re: Pinouts for IC2SRA and IC2GXAT?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-14 00:00:00 UTC
From: medcalf@idir.net
Message-ID: <medcalf-1401961519040001@port20.idtslw1.idir.net>
Source record: 207256

In article <STu9wwUN3v3U086yn@bctv.com>, keithw@bctv.com wrote:

> Can anyone supply the pinouts for either of these HTs? I want to hook
up a TNC
> and military handset to them.
>
> ===
> Keith Wood TV-18 News anchor
> Host/Producer, The Computer Program, FLYING TIME!, and Infinity Focus.
> Gunsite (Orange) alumnus, Team OS/2, Parrothead, N7JUZ, AZ0237 but not a
> number (I'm a FREE MAN!), creator of FIRE TEAM and HERO SEEKER
> ===

Hi Keith, pin-outs are the same as for a IC-2AT. There is a diagram for
connecting to a tnc at

http://www.idir.net/~medcalf/ztx/wire/

73 gloria ka5ztx medcalf@idir.net

657. Re: Icom IC-W21AT Questions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-14 00:00:00 UTC
From: jastorm@ix.netcom.com
Message-ID: <4dbt5i$4hh@cloner3.netcom.com>
Source record: 207257

daveey@ix.netcom.com wrote:

>Just a few questions concerning the HT.

>Does it have CTCSS encode/decode?
Yes.
>How important is this feature to a beginner?
Not very.
>I am a newbie to ham radio and am considering this as a first HT.

>Any impressions on this radio would be greatly appreciated.
Overall a good little radio. Difficult to program as are most of the
newer radios. Easy to accidently hit the wrong button and not know how
to get out of it. Best feature is the 900 MAH battery. It seems to
last forever.
>I just learned that it has been discontinued, and is available new at
>a very attractive price.
They throw in a free speaker mike as well. I'd say go for it!
>Thank you in advance

Jim WB6LWS

658. Re: (no subject)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-14 00:00:00 UTC
From: SteveS@clark.net
Message-ID: <30F8A882.BF7@clark.net>
Source record: 207258

Knut J. Vatnestroem wrote:
>
> Hello!
>
> I recently purchased a Kenwood TH-79A handheld transceiver from USA.
> My problem is that the frequency band on 70cm does not cover frequencies
> below 438MHz, as this is the american model and not the european one.
> Is it posible to modify it, so that it will cover frequencies from 430MHz
> and upwards ??
>
> Thanks in advance,
>
> --
> Knut Vatnestroem _/ email: knutjv@stud.unit.no
> Stud.Post 206 _/ URL : http://www.stud.unit.no/~knutjv
> N-7034 TRONDHEIM _/ C.S: LA5PJA\LA1K
> Phone: +47 73 51 30 27 _/
>
> Livet er bare en periode man skal overleve ...
> A.And

It can be extended to 420 Mhz, among other changes.
See http://ftp.barc.org:8080/pub/hamradio/mods/kenwood/th79a-1.mod
||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
| Steve Siegel . SteveS@clark.net |
| Senior Technical Associate . SSiegel@nea.org |
| National Education Association . 72261.422@compuserve.com |
||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||

659. Re: SGC-230 Ground????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-14 00:00:00 UTC
From: jbaltz@watsun.cc.columbia.edu
Message-ID: <4db625$ikn@apakabar.cc.columbia.edu>
Source record: 207259

In article <4ct3rb$iji@newsbf02.news.aol.com>,
RICKCRIDER <rickcrider@aol.com> wrote:
>All:
>OK.....OK.....First the admission of guilt: The antenna tuner is
>grounded to a cast iron natural gas pipe. Plain and simple. The tuner

A *gas* pipe?!

Boom.

>Rick Crider

//jbaltz
jerry b. altzman Entropy just isn't what it used to be +1 212 650 5617
jbaltz@columbia.edu jbaltz@sci.ccny.cuny.edu KE3ML (HEPNET) NEVIS::jbaltz

660. ICOM 765 - What is a fair price?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-14 00:00:00 UTC
From: jack@cyberloans.com
Message-ID: <4db4gv$c2@dfw.nkn.net>
Source record: 207260

I have an IC 765 that I want to sell. Can someone tell me what a fair
price for it might be. I haven't kept up with the prices for HF gear.
Thanks.

73's de Jack - kf5mg
Internet / hobby - kf5mg@kf5mg.ampr.org - home (817) 488-4386
work - jack@cyberloans.com - work (214) 516-6270
+===+
+ I am Homer of Borg.... prepare to be assim... oooo... Donuts... +
+===+

661. Heathkit GR-64 receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-14 00:00:00 UTC
From: rdr@efn.org
Message-ID: <4db2r5$9t8@garcia.efn.org>
Source record: 207261

I'd appreciate info on this receiver...works fine, found it in a junk shop for 5 bucks...when was it made...How was it rated? Is it worth anything? Thanks. KE6BGO

662. Wanted: Info on 10 GHz equip:

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-14 00:00:00 UTC
From: "Timothy E. Connolly" <kb8eht@access.mountain.net>
Message-ID: <30F95B8B.5206@access.mountain.net>
Source record: 207262

Hello, a visiting ham from Texas described to me how they are setting
up high speed (10mbit+/sec) links using 10 GHz transceivers. He told me
I could even use a grocery store-door opener as the transceiver. I
picked up 3 txers at a hamfeast (Uniontown, PA) for $10. I assume I
need to build a pair of parabolic dishes to spec.
Is there a possibility of mixing a 1.5Mbit/sec sine wave onto the
RF signal?

ANY info would be of great value. Thanks - Tim

--
-- Timothy E. Connolly Amateur Radio Callsign KB8EHT (since 1988) http://www.arrl.org
-- Internet Address: kb8eht@access.mountain.net Home Page http://wvnvm.wvnet.edu/~u5dd8
-- AMPR Net kb8eht@w8sp.wv.usa.noam (Amateur Radio Packet Network)
-- Online resume: http://wvnvm.wvnet.edu/~u5dd8/resume.html
-- Looking for small programming jobs. JAVA/HTML/CGI, Unix/Linux, C++, QBASIC, PERL, etc.
--

663. Icom IC-W21AT Questions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-14 00:00:00 UTC
From: daveey@ix.netcom.com
Message-ID: <4dbf69$lp0@cloner3.netcom.com>
Source record: 207263

Just a few questions concerning the HT.

Does it have CTCSS encode/decode?

How important is this feature to a beginner?

I am a newbie to ham radio and am considering this as a first HT.

Any impressions on this radio would be greatly appreciated.

I just learned that it has been discontinued, and is available new at
a very attractive price.

Thank you in advance

664. Where do I Start?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-14 00:00:00 UTC
From: tspence@fox.nstn.ca
Message-ID: <4dbeio$kb@news.nstn.ca>
Source record: 207264

I have been very interested in amateur radio for years and have not been able to "find" time to learn. I have now decided to make time to learn about amateur radio and all acpects of this great hobby.

If anyone in CANADA can help me with the initial phase of this I would appreciate it very much.

In addition if anyone can help me with the purchase of equipment it would also be very much appreciated.

Thank You,

Tim Spence
Springhill, NS
Canada
B0M-1X0

phone 902-597-8491
fax 902-597-8630
e-mail tspence@fox.nstn.ca

665. Need manual for DG-5

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-14 00:00:00 UTC
From: kb7et@usa.pipeline.com
Message-ID: <4da3qk$cgl@news1.usa.pipeline.com>
Source record: 207265

Hello:

I recently acquired a Kenwood DG-5 digital display
at a local swap fest and need the manual for it.
Would be happy to reimburse for copying or buy
a manual. Thanks.

Jim, KB7ET
kb7et@usa.pipeline com

666. Wanted: Motorola Syntor(s)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-14 00:00:00 UTC
From: "Timothy E. Connolly" <kb8eht@access.mountain.net>
Message-ID: <30F958FC.29EB@access.mountain.net>
Source record: 207266

Could someone send me any info about where to buy Motorola Syntor radios? I have seen them at Hamfeasts for under $100 and expect to pay not much more than that. Any help would be greatly appreciated.
Thanks - Tim
--
-- Timothy E. Connolly Amateur Radio Callsign KB8EHT (since 1988) http://www.arrl.org
-- Internet Address: kb8eht@access.mountain.net Home Page http://wvnvm.wvnet.edu/~u5dd8
-- AMPR Net kb8eht@w8sp.wv.usa.noam (Amateur Radio Packet Network)
-- Online resume: http://wvnvm.wvnet.edu/~u5dd8/resume.html
-- Looking for small programming jobs. JAVA/HTML/CGI, Unix/Linux, C++, QBASIC, PERL, etc.
--

667. WTB: Net control software for windows

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-14 00:00:00 UTC
From: jolson@intergate.net
Message-ID: <jolson.30.00129F70@intergate.net>
Source record: 207267

Wanted: Software to run ham nets. Does anyone know if there is a "net control" software package available? I'd like to have something that interfaces with callbook cd roms (to add new members to the net).

Any ideas?

James, N6IFO/4
jolson@intergate.net

668. VHF FM Radio Equipment Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-14 00:00:00 UTC
From: DIDEDO@gnn.com
Message-ID: <4db5js$qnn@news-e1a.megaweb.com>
Source record: 207268

I am with a Civil Air Patrol Unit that is a volunteer organization trained in search & rescue skills as well as working with local cummunity events for security. We are in need of hand held VHF FM Radio's 143mhz - 150mhz. Since we are a volunteer organization our budget is small so we need to obtain units as cheeply as possible. If you have any or know of an outlet for this equipment please e-mail to: didedo@gnn.com

Thank you

669. Re: Ear Microphone

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-14 00:00:00 UTC
From: jmleveron@socketis.net
Message-ID: <4dbb1n$dns@news.socketis.net>
Source record: 207269

>: I saw a new earphone/microphone setup for handhelds down at the local
>: candy store. What was unusual is that the microphone is built into the
>: earpiece completely. The product literature talked about picking up
>: your voice through vibrations of the ear drum. The unit is made in
>: Japan and is from a manufacturer I cant recall (no one major).
>: Anyone have any experience with such a unit? I wonder how well the
>: voice can be picked up and the quality of the speech.

>Also if you you could tell me who manufactures the earpiece
>I'd like to end up geting one for my HT as well.

Please post it here if you would! J.

670. Re: ZVEI decoder

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-14 00:00:00 UTC
From: flip@xs.muc.de
Message-ID: <60qnAnbR_MB@xs.muc.de>
Source record: 207270

Hi,

> Hello, I'm looking for a ZVEI decoder.
> It decodes the "5-tones" produced by taxi and ambulance radio's.
> A hardware or software solution is welcome.
> thanks and 73 from Geert.

I designed such a circuit.
Features:
- 7-segment-LED display
- optional alphanumeric LCD to show the names of the alarmed unit
- serial (RS232) inferface
- up to 8 relays can be connected, they switch if one of five "5-tones"
is recieved (programmable via RS232!)
- you can get a list of the 1000 last "5-tones" via the RS232

It's a very cheap solution, parts cost only 60-80 Deutschmarks.
Unfortunately I wrote only a German manual, but if there are enough people
interested, I'll try to translate it (but my English is not very good). If
you want to have the schematic, layout (EAGLE) and German manual send me
an email and you'll get it uuencoded.
I also sell ready-to-use decoders (150DM), PCBs etc.

Flip
CrossPoint v3.02

671. Who the h#$% is Bill Cheek?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-14 00:00:00 UTC
From: rs@ham.island.net
Message-ID: <011496211248Rnf0.79b6@ham.island.net>
Source record: 207271

For the past several weeks I've seen a seemingly neverending flame war
about somebody called Bill Cheeks. Who the heck is he and why are you
Americans sending this flame war about him all around the world?

Puzzled.

--
rs@ham.island.net

There is *no* idiotproof filter. Idiots are proof against anything!
- Richard Chycoski, VE7CVS

672. Re: Kenwood TS-870S Control Software Included

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-14 00:00:00 UTC
From: rskeeter@qnet.com
Message-ID: <4db0nn$jar@mandolin.qnet.com>
Source record: 207272

Hi Clifford.....de KA6YTT C U Later
In article <4ch7t0$igf@ixnews8.ix.netcom.com>, cliffor1@ix.netcom.co
says...
>
>I am looking for any reviews on the control software that is included
>with the TS-870S. With all of the new features that the radio has, how
>much of it can be controled via the keyboard.
>
>Kenwood claims that the software can control more than just the
>features of the radio and can even set the filter positions for each
>memory.
>
>How versatile is the Radio Construction module. It would be nice to
>build your own radio on the computer screen and only use the features
>that you want or need. Operation can be as simple or complex depending
>on your needs. You can build different screens to accomodate your
>operation at the time.
>
>Looking for your comments. 73

673. Re: wanted mods for IC736, ic737(A) and IC738

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-14 00:00:00 UTC
From: root@ozymandias.psc.com
Message-ID: <4dbthh$tbb@msunews.cl.msu.edu>
Source record: 207273

In an article of 11 Jan 1996 23:30:52 GMT, Martin Rask (Martin.Rask@mailbox.swipnet.se) wrote:
: Hello and thanks for reading this !! :-) is there anyone outthere who
: has any mods for anyone of these three radio's ?? could be anyting from
: improving RX to how to get expande TX. I would really appriciate any mod
: at all for these radio's (havent seen any at all passing arround) so is
: there anyone who has a mod outthere please send it to me.
: Best 73's De SM7VHS /Martin hope to hear you on the bands.

One particular thing _I_ would like to be able to do to my 738 is adjust
the pitch of the CW sidetone, which is lower than the received pitch of
a correctly tuned station. For example, I tune W1AW code practice at
1.818. I know they're pretty close to on frequency. My sidetone
matches their pitch if I tune to 1.81788. I know one of those silly
adjustments in there has to affect this.

73

Dennis Boone
KB8ZQZ

674. HELP: NEC transisitor Data Sheet !!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-14 00:00:00 UTC
From: n2683244@sparc12.cc.ncku.edu.tw
Message-ID: <4dba15$ku9@ccnews.ncku.edu.tw>
Source record: 207274

hi there :

Is there any one who knows how to get NEC transistor data sheet
on the net? I need the data of NEC transistor, 2SC3358.
Any information would be greatly appreciated. Thank you !

Clifford
BV5FN

675. Re: JPS ANC-4

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-14 00:00:00 UTC
From: fedpress@omnifest.uwm.edu
Message-ID: <4dciiq$8bo@omnifest.uwm.edu>
Source record: 207275

The February issue of QST carries a review of the JPS ANC-4 on Page 78.

Rick WB9GYT

676. Ten-Tec 6m transverter and Yaesu FT101E

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-14 00:00:00 UTC
From: jds@neptune.net
Message-ID: <4dc2d7$2td@neptune.neptune.net>
Source record: 207276

Speaking of Ten-Tec Transverters...

I am building one now, and plan to use it with my FT101E. The FT101E has an "RF Out" jack on the back, which is the output of the driver stage just before the final amplifier tubes. It seems the safest thing to do is try and use this output, which was provided for Yaesu accessory transverters.

I have pored over all my 101 docs, and I cannot determine the output power of the RF Out jack (I also have the service manual). I do not (yet) have the test equipment to measure it directly. The best clue I have for now is the input spec for the Yaesu 6m transverter, which is listed as 3Vrms/10W at 28-30MHz. I don't expect the RF Out jack to have the same characteristics at 21MHz (required by Ten-Tec). Also the Ten-Tec's upper limit is 10W, and I'd be happier operating somewhere less than 10W if possible.

Has anyone within the sound of my post used the Ten-Tec transverter with an FT101E? I plan to continue researching this with Ten-Tec, Yaesu, and get the equipment to measure directly. I'd just like to compare notes with anyone who's done it before!

(by the way, I am interested in both SSB and CW operation.)

thanks & 73!

jeff stai, ke6knf
jds@advradio.com

677. Re: HELP PLEASE - MOTOROLA MX30OR INFO & PARTS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-14 00:00:00 UTC
From: sbagdon@nando.net
Message-ID: <sbagdon-1401960748460001@grail1504.nando.net>
Source record: 207277
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

```
: lou these are very rare units by most standards..they were typically
sold to the
: us govt agencies ie coast guard, dea etc. they are really mx300-s inside with
: some minor differences..case parts are limited availabilty and u best
have the
: us mint in your pocket...bad thing was that the rubber rots..especially in the
: sun.. i have several of them myself and have all the spares (inside) that u
: might need..lalso have a rare converta com for one..
:
: mike
:
: --
: Mike - Raleigh, NC USA

Noiticed you nando.net sig. What are you using these 400mhz units for?
Local community repeaters? Construction sites?

Steve B.

--
Katharine - kbagdon@nando.net and Emma, the Wonderbeagle
Steve - sbagdon@nando.net
```

678. Re: HAM e-mail-adresses

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-14 00:00:00 UTC
From: bobzito <bobzito@wolfenet.com>
Message-ID: <30F9DE7A.3746@wolfenet.com>
Source record: 207278

Boerge Ravn-OZ8BR/SM0EBP wrote:
>
> I know I have seen it somewhere!
> Where is the list of HAM e-mail-adresses??
> TNH Boerge/BobTry the QRZ database at http://www.qrz.com/cgi-bin/webcall
--
<bobzito@wolfenet.com> (Bob Zito) KI7EV WA. State

679. Need Invader 2000 exciter schematic

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-14 00:00:00 UTC
From: kodama@localnet.com
Message-ID: <4d9tqj$j50@prometheus.localnet.com>
Source record: 207279

Need a copy of the schematic for the exciter section of a Johnson Invader 2000.I have a manual but it's missing that schematic.

Thanks in advance

Kodama@localnet.com

680. military equiment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-14 00:00:00 UTC
From: grs1@ix.netcom.com
Message-ID: <4dc2pq$ljn@ixnews3.ix.netcom.com>
Source record: 207280

looking for a BC342 Receiver. Anyone Have one or access to one??

681. Re: CAP and MARS???????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-14 00:00:00 UTC
From: danielsv@hom.net
Message-ID: <4d9gd7$7iv@homenet.hom.net>
Source record: 207345

charlie@netdepot.com (Charlie Fortner) wrote:

>The subject line says it all. What is this CAP and MARS stuff I've seen
>advertised on some HTs and mobile units?

It stands for Civil Air Patrol and Military Affiliated Radio Service.

danielsv@hom.net (Daniel Vorlander)

682. (FS) Vhf High Power Duplexer

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-14 00:00:00 UTC
From: "{Gary} KF9CM turtle"@wwa.com
Message-ID: <4d9i5h$ihg@kirin.wwa.com>
Source record: 207346

I have for sale a Sinclair 4 cavity high power VHF duplexer Model# Q-202GC. To my knowledge it's never been used. The cavities are inclosed in a steel cabnet with (3) three conectors on the side. The frequency tuning range is from 132 to 174 Mhz and I have the complete tuning manual.

The Electrical Specifications are as follows:

INSERTION LOSS= Tx 1.5 db
Rx 1.5 db
ISOLATION, Tx Noise at Rx frequency = 80 db
Tx Frequency at Rx Terminal = 80db

MINIMUM ISOLATION Between Tx and Rx Frequencies = 50db

MINIMUM SEPARATION = 500Khz

This is a top of the line duplexer and lists from Sinclair for $1730.... I will take $850 or best offer. This is for local pickup or I can deliver within a 100 mile radius of Chicago Il.

You can "E" mail me at turtle@wwa.com

683. HAM e-mail-adresses

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-14 00:00:00 UTC
From: Boerge Ravn-OZ8BR/SM0EBP <boerge@br-consulting.se>
Message-ID: <4dbhoh$ltp@stella.tip.net>
Source record: 207347

I know I have seen it somewhere!
Where is the list of HAM e-mail-adresses??
TNH Boerge/Bob

684. Info Needed on World Radio Laboratory and Globe Products

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-14 00:00:00 UTC
From: ittg@cerfnet.com
Message-ID: <ittg-1401960042130001@206.17.248.58>
Source record: 207348
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Could I get your help in locating information on the products of the World Radio Laboratories (WRL) of Council Bluffs, Iowa. A book is now being written on the life of founder Leo Meyerson and WRL. WRL built and sold popular amateur transmitter products and electronic parts from 1937 to 1972. Originally known as Wholesale Radio Labs before WW II, WRL sold the popular Globe King, Champion, and Scout Transmitters now prized by collectors.

Although many WRL catalogs are in the Amateur Radio Collection at the Omaha History / Western Heritage Museum, a number of catalog years are missing:
1937,1938,1939,1946,1947,1948,1950,1963,1968,1972. If you have these catalogs, would you contact me for some questions? I want to index product model numbers and prices for each year.

Also, does anyone know the wherabouts of Samual J. Fidone, the designer of the WRL Globe transmitters during the 1940's and 1959's? His call sign was W0QAB.

Thanks for any help!

--
Ed Reitan (UCLA Film and TV Archives) ITT Gilfillan
Ph: 818-902-2075 Fax: 818-901-2536 7821 Orion Ave.
Email: ittg@cerfnet.com (Ed Reitan) Van Nuys, California 91409
Eudora: BinHex

685. Re: Q:Mods to Realistic HTX 202 HT?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-14 00:00:00 UTC
From: edwint@greenie.com
Message-ID: <30f8440a.125@greenie.com>
Source record: 207349

In article <4cpkur$rv8@spot.yknet.yk.ca>, J Scott Wilson <Jswilson@hypertech.yknet.yk.ca> writes:

> I am looking for modification information and procedures for expanded RX
> and TX for the Radio Shack Realistic HTX 202 2 meter HT.Does anyone have
> or know the location of such information??

Mod for expanded RX/TX for the HTX202

Buy another HT with expanded RX/TX, and duct tape it to the back of the
HTX202. There you have it, expanded RX/TX.

To date, it's been said there are no mods for the unit (other than the
above)

--
EdwinT@greenie.com -[Standard Disclaimers Apply]-

Now Faith is a substance of things hoped for,
the evidence of things not seen. [Heb 11:1]

As Email can be altered electronically,
the integrity of this communication is not guaranteed.

686. ALS-600 amp, your opinion ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-14 00:00:00 UTC
From: bo.sall@mbox2.swipnet.se
Message-ID: <4daq7q$s6l@mn5.swip.net>
Source record: 207350

I�m thinking about buying a ALS-600 Ameritron amp. It would be very interesting to find out what you guys, who are using the amp, think about it.Any problems ? Is it as good as the advertise in QST shows ?

73/Bo / SM7CKZ

687. DX Solutions SAS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-14 00:00:00 UTC
From: Boerge Ravn-OZ8BR/SM0EBP <boerge@br-consulting.se>
Message-ID: <4dbh6u$kai@stella.tip.net>
Source record: 207351

Anyone know anything about DX Solutions?
They mada a super-intelligent "Smart Antenna Selector" = automatic
antenna-selector which could be used with most available rigs!
I have one & would like more.
They were in Huntsville, Al

73-s Bob (Boerge)

688. Re: Ham-Equip Digest V96 #10

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-14 00:00:00 UTC
From: cbuttsch@slonet.ORG
Message-ID: <Pine.OSF.3.91.960114090626.2799B-100000@biggulp.callamer.com>
Source record: 207352

I have a 75S1 schematic. Where do you want it mailed? Cliff Buttschardt
W6HDO

689. Re: FT1000 and AFSK input help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-14 00:00:00 UTC
From: subich@ramlink.net
Message-ID: <4dbpdp$uuo@ram2.ramlink.net>
Source record: 207353

In message <o7TLHD2w165w@w2up.wells.com> - barry@w2up.wells.com (Barry Kutner) writes:
:>
:>I am wiring a cable to use the HAL P38 digital mode board with the
:>FT1000. The RTTY/PACTOR/AMTOR hookup is straight forward, thru the RTTY
:>jack. CLOVER requires AFSK input, and I'm not sure where the best input
:>is - Using the Patch In phono jack seems a reasonable choice, except that
:>the mic input is in parallel with it. This requires the mic be unplugged
:>for its use. Another option appears to be the Packet DIN jack, which has
:>an Audio In line. The manual doesn't say much about this one. Is this
:>input active when LSB is the selected mode? Is the Mic disabled when this
:>input is used? Any other thoughts appreaciated... 73 Barry
:>

The FT-1000 Packet IN audio is only active when the PKT mode is selected. Normal mode in PKT is LSB with the display offset to show the center of packet tones (selectable by the DIP switches under the top "hatch").

One will notice that depressing the PKT mode switch will light both the PKT and LSB LEDs. Switching between LSB and PKT when listening to a marker (carrier) will show no change in tone but a shift in the display corresonding to the selected display offset. I suspect the offset can programed to match the Clover center frequency, if desired.

73,

... Joe Subich, AD8I
(subich@ramlink.net)

690. Needed, Low Band mobile, 100 watt (or so), field or bench programable, & cheap <gr>.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-14 00:00:00 UTC
From: spade@onramp.net
Message-ID: <30F93FFC.4D86@onramp.net>
Source record: 207354

The header says it all. I'm a Vol. F/F-EMT in NW Houston in search of a fairly inexpensive Low Band , programable, 80-100 watt mobile radio. You can E-mail me at spade@onramp.net. Thanks in advance.

691. ICOM 2350H Mobile Rig, Any comments?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: n7voe@aol.com
Message-ID: <4dedh1$611@newsbf02.news.aol.com>
Source record: 207205

Does anyone have any first hand information/comments on the new ICOM dual band mobile rig, the IC 2350H?
Is there any intermod problems with this rig?

Please respond to N7VOE@aol.com

Thanks
73's,
Dan N7VOE

692. WTB:Heavey Duty Rotor

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: Craig Siegel <csiegel@theriver.com>
Message-ID: <4dekd3$l5q@news.theriver.com>
Source record: 207206

If you have a rotor which can handle 20 Sqr FT of antenna (such as the
Hy Gain Tail twister or Yaesu G-800 or 1000) and wish to sell it, please
E-mail the model and your asking price.

Craig / KK6PC

693. Re: Ear Microphone

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: REDLIGHT@NANDO.NET
Message-ID: <REDLIGHT-1501960924090001@grail506.nando.net>
Source record: 207207

In article <4dbb1n$dns@news.socketis.net>, jmleveron@socketis.net (jmleveron) wrote:

> >: I saw a new earphone/microphone setup for handhelds down at the local
> >: candy store. What was unusual is that the microphone is built into the
> >: earpiece completely. The product literature talked about picking up
> >: your voice through vibrations of the ear drum. The unit is made in
> >: Japan and is from a manufacturer I cant recall (no one major).
> >: Anyone have any experience with such a unit? I wonder how well the
> >: voice can be picked up and the quality of the speech.
>
> >Also if you you could tell me who manufactures the earpiece
> >I'd like to end up geting one for my HT as well.
>
> Please post it here if you would! J.

The unit that I have is made by EAR-MIKE but I do not have an address. The unit works on the principal that the human bone structure resonates with sound therefore if you can get something up against the bones then you can "pickup" the sound...I use mine when wearing a self contained breathing apparatus (SCBA) and it works very well. It has a ptt box that I wear on my waist with a BIG button on it such that I just tuck my elbow up against my waist to hit the button and voila! It is not as loud to the end user but it is better than the muffled shouts thru a mask into a radios standard mike...The only drawback is the cost...Mine set me back about $400.00 with the Mike, int/ptt box and radio cable..Extra radio cables were about $125.00 when I changed from MX to MPD.

Hope that this helps

Mike

--
Mike - Raleigh, NC USA

Opinions expressed herein are my own and do not in any way represent those of my employer.

694. Re: WTB:Heavey Duty Rotor

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: fedpress@omnifest.uwm.edu
Message-ID: <4deno9$bm6@omnifest.uwm.edu>
Source record: 207208

What do you want to heave?

695. Re: Ten-Tec 6m transverter and Yaesu FT101E

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: "David B. Perrin" <d_perrin@conknet.com>
Message-ID: <1f7cc$122a2c.1b2@news.conknet.com>
Source record: 207209

Hi:
Since you anticipate the power out of the 101E to be circa 10Watts or less, why not hook up a dummy load to this output terminal and measure the voltage across it during key down then P= E2/R should answer your question.
73 de Dave, K1OPQ

696. Re: Kenwood TS-870S Control Software Included

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: Howard Moscovitz <mosc@fast.net>
Message-ID: <30FAC4F1.6A94@fast.net>
Source record: 207210

Rodney A Skeeter wrote:

> >I am looking for any reviews on the control software that is included
> >with the TS-870S. With all of the new features that the radio has, how
> >much of it can be controled via the keyboard.
> >
> >Kenwood claims that the software can control more than just the
> >features of the radio and can even set the filter positions for each
> >memory.

I have a 870 and I've been spending a little time with the
control software that comes with it. The software is very advanced.
It is objected oriented. You can control virtually every aspect of
the radio, including menu items that aren't normally controlled from the
front panel. You can certainly create virtual radio's, like one for
shortwave listening - where all of the stations are selected from a
pull-down menu, or whatever. I have found it usefull to program
some of the DSP parameters, to learn what effect they have on the signals.
Programming is done in a mostly graphic environment, where you
place push buttons, meters, dials, switches, keypads and the like on the
screen. Then you enter very simple code that tells what these switches
do. The complexity of this can vary from a button that turns the rig
on and off, to a button that will go to a specific freq, on a set antenna,
with the filters set just so, and the mode, the attenuator, speech
processor settings etc etc.
The manual that comes with the program is bare minimum - almost
100% useless, but there is a pretty good help file and tutorial.

> >How versatile is the Radio Construction module. It would be nice to
> >build your own radio on the computer screen and only use the features
> >that you want or need. Operation can be as simple or complex depending
> >on your needs. You can build different screens to accomodate your
> >operation at the time.

It will do this if you want, but the person how does this is
probably a pretty computer capable person, and one with a lot of
patience. For me, it is a blast.
The program developers have a web page and there was a promise
of radios being posted, but I've not seen any yet.

I think the 870 is a great piece of equipment. It is amazing how
you can control the selectivity. I regularly use the 250 Hz filter on
Pactor with full data rates. I'm not a CW person, but it this would be
a great rig for such people. You can have tunable 50 Hz filters with
virtually no ringing. It's almost enough to make me want to practice
my code, but playing with the computer program is more fun, for now at

least...

73,
Howard
KB3ZX

697. Looking For 900mhz atv eq

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: n0nas@hamlink.mn.org
Message-ID: <821735979.AA04996@hamlink.mn.org>
Source record: 207211

RI>From: richesop@cici.com (Peter D.Richeson)
RI>Date: 2 Jan 1996 01:23:11 GMT
RI>I am looking for some 900 MHz atv equipment. I want to put up a
RI>900 MHz ATV repeator. So far all I can find are converters whos
RI>output is TV ch 3 or 4. I need baseband and will need both rec
RI>and transiter. Can any one help.

From the Summer 1995 issue of ATV Quarterly magazine, PC Electronics has the RTX-33 crystal controlled 1 watt 900 MHz AM ATV transmitter for $330. The matching ATVR-9 crystal controlled 900 MHZ AM receiver is also $330. Both are nicely packaged in 7.5"x5"x2" die cast aluminum boxes. Both operate from 13.8 volts DC and have baseband audio and video inputs. We have a pair of these units in our RACES unit. We have the transmitter configured as a portable transmitter with an added 18 watt amp. They have been quite reliable and all problems have been due to our wiring. I only wish they had locking shafts on the level control pots. P.C. Electronics is at 2522 Paxson Lane, Arcadia, CA, 91007-8537. They have a 10 page catalog and 8 page repeater app note they'll send if you call (818) 447-4565. This is only one vendor amoung many that advertise in ATVQ.

You might also want to give serious consideration to 900 or 1200 MHz FM ATV rather than AM. In general, the AM signal may give some sort of picture on the weakest signals but the FM signal will give significantly better pictures for fairly modest signal strength improvements. The local hams are finding better pictures on the ATV repeater with 1200 MHz FM input rather than 439 MHz AM input. The only problem is finding a good crystal controlled FM ATV receiver for the repeater!
(P.S. Did you know that most cell site antennas have good response well into the ham band? Do you know any cell site technicians?)

I also highly recommend ATV Quarterly magazine for $16 per year.
The ATV Secrets books Vol 1&2 for $29.95 + $3.50 shiping is another good idea. ATVQ is at 3 N Court St, Crown Point, IN, 46307.
Don't forget that repeaters should be coordinated with your state's Repeater Frequency Coordinator. You can find his address in the ARRL Repeater Directory or from the ARRL staff.

Good luck with your project. 73's.
Doug Reed, N0NAS email: n0nas@hamlink.mn.org
St Paul, MN

* SLMR 2.1a * This tagline is umop apisdn

698. 6 Meter duplexers???$$$

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: n0nas@hamlink.mn.org
Message-ID: <821735979.AA04997@hamlink.mn.org>
Source record: 207212

KM>From: kmp3@unix.asb.com (Ken)
KM>Date: Tue, 2 Jan 1996 04:24:24 GMT
KM>What are the price ranges of good 6mtr. repeater duplexers new / and
KM>used...???

I can't help you with prices but if you don't mind building things,
send a file request:

to: info@arrl.org
leave the "subject" line blank or don't care.
HELP <--- info server instructions
SEND 6-MDUP.TXT <--- 6 meter duplexer instructions
INDEX <--- list of files @arrl.org
QUIT

It might give you some ideas. 73's.

Doug Reed, N0NAS email: n0nas@hamlink.mn.org

* SLMR 2.1a * hAS ANYONE SEEN MY cAPSLOCK KEY?

699. Re: recomendations for dual-band HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: linvillm@gordon-nsc1.army.mil
Message-ID: <1f7cc$1602a.302@news.csra.net>
Source record: 207213

Thus wrote walter@physics7.berkeley.edu (Walter K. Stockwell)
>I'm looking into buying two HT's for myself and my wife.
>We're interested in dual band (144/440) HT's small enough
>to carry around all day in a purse or backpack. We're

My wife just got her tech and we bought two Yaesu FT-51R HT's and love them. With the 2 watt battery they are very small and even with the 5 watt battery they are very "carryable". To get the size down just a tad bit more, I chucked the Yaesu antenna and bought two Maldol AH-209S dual band rubber ducks which are only 3" long. With the 2 watt batter and 3" antenna the thing is small enough that my wife will actually carry the thing when she goes shopping at the mall.

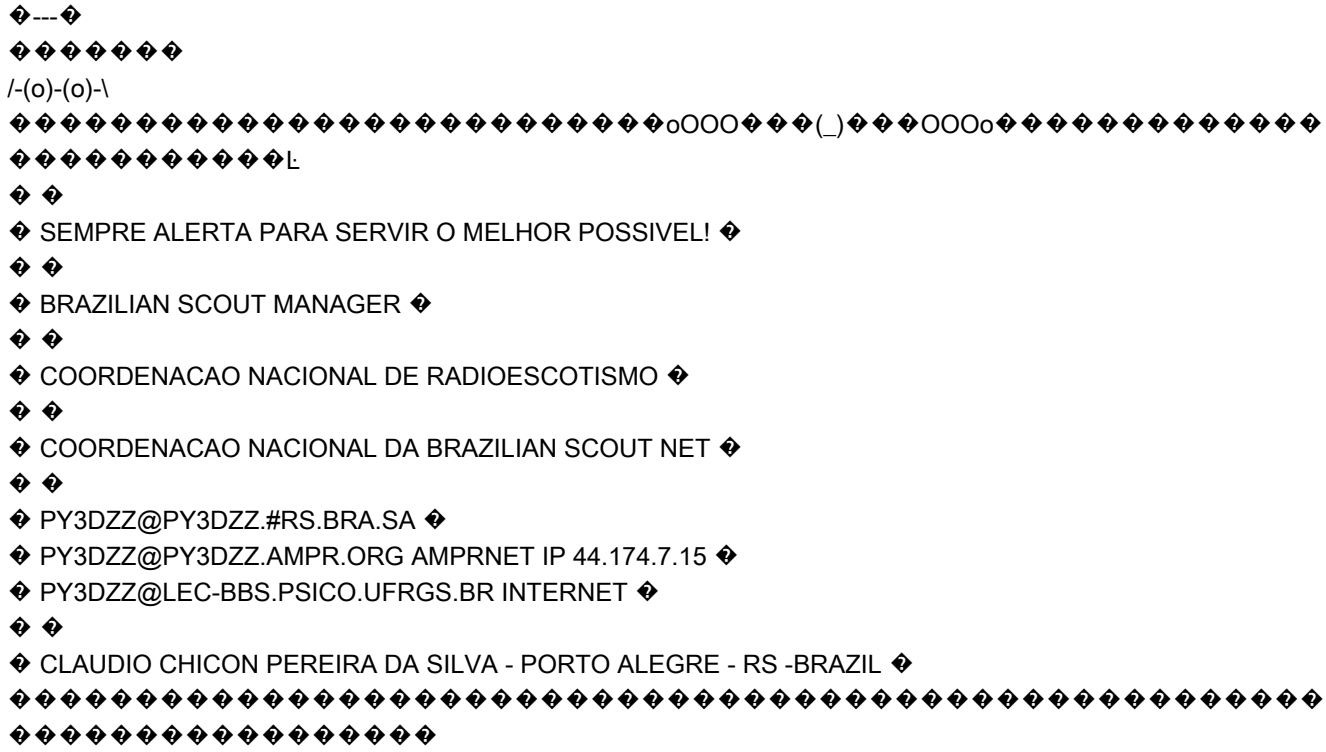
Mel Linville
WB4ZIT

700. YAESU FT2011 VERTEX SOFTWARE WANTED!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: py3dzz@PY3DZZ.ampr.ORG
Message-ID: <1303@PY3DZZ.ampr.org>
Source record: 207214

Hello yaesu users.

Y need de software for programing FTL2011 vertex.
Pleaseswend mail for py3dzz@lec-bbs.psico.ufrgs.br
Tanks in Advanved

best 73/s Claudio

SEMPRE ALERTA PARA SERVIR O MELHOR POSSIVEL!
BRAZILIAN SCOUT MANAGER
COORDENACAO NACIONAL DE RADIOESCOTISMO
COORDENACAO NACIONAL DA BRAZILIAN SCOUT NET
PY3DZZ@PY3DZZ.#RS.BRA.SA
PY3DZZ@PY3DZZ.AMPR.ORG AMPRNET IP 44.174.7.15
PY3DZZ@LEC-BBS.PSICO.UFRGS.BR INTERNET
CLAUDIO CHICON PEREIRA DA SILVA - PORTO ALEGRE - RS -BRAZIL

701. Re: repeaters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: dave@diusys.cms.udel.edu
Message-ID: <4de91f$sbm@news.udel.edu>
Source record: 207215

Seth (sra@pluto.njcc.com) wrote:
: I'm looking to set up a repeater and I was wondering if anyone had
: suggestions on good equipment to use. it would be 2m band with
: autopatch and other little goodies.
: thank you.
: Seth, KB2WLU

For a 2M repeater, your first step should be to check with your local
frequency coordination group to see if there are any available
freqency pairs. 2 meters is pretty well filled in your area and
you could end up buying equipment only to have no open freq to
put it on.

gud luck, dave wa3u

702. Re: IC-706 schematic ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: hduff@humnet.humberc.on.ca
Message-ID: <8217329689901@lss.humnet.humberc.on.ca>
Source record: 207216

> In article <8213108152002@lss.humnet.humberc.on.ca> hduff@humnet.humberc.on.c
> Hugh Duff) writes:>
> >Anyone know how to go about aquiring a schematic
> >for the IC-706. Not only did I not get a mobile
> >mounting bracket for it but no schematic !!!
> >I hope its not an "option" too ! (ie...must purchase
> >the service manual to get a schematic ???)
>
> You got it, Hugh, the schematics are only included with the
> $48 service manual (which is due out this month, I have one
> on backorder). I think this stinks! However, there are some
> Xeroxed schematics floating around. If you pester your Icom
> rep hard enough, he might be able to get you one.
>
> Gary
>
> --
> Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary

It figures ! Icom really seems to count on the profit margins of
the options...and to make some of the normally standard but necessary
items options assures them of the sales.
I was going to make up my own remote mounting cable for my 706 like I
did for my Kenwood TM-741 but the engineers at Icom made sure to
do a good job of designing non-standard pressure contact connectors.
They're of high quality but pretty difficult to duplicate without
spending a lot of time in a plastics shop. I guess I'll be forking out
for this one (the dealers want $100 Cdn for it !).
I'm a homebrewer at heart..if I can make it rather than buy it, I will.
BTW Gary...I've sent you a couple of e-mail messages in the past month
or so...is your e-mail working okay ?

Regards...Hugh Duff VA3TO Toronto

• NFX v1.3 [000]

703. 40 M Mobile QSO

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: Paul Christensen <paulc@jax.se.continental.com>
Message-ID: <4ddmvn$c2k@usenet.continental.com>
Source record: 207217

Tom:

I heard your potent 40 meter mobile signal this past weekend as you were pulling into the Atlanta Motor Speedway? I can't recall if this is the exact name. Anyway, the mobile signal was 10 dB over S9 on my FT-1000MP. I initially thought you were at a base location.

-Paul, N9AZ

704. Re: Bendix/King hand-unit programming

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: dandrox@montana.com
Message-ID: <4deak3$k0v@maw.montana.com>
Source record: 207218

In article <4d1ccl$3gj@news.citynet.net>, wm8s@citynet.net says:
>
>Just ordered two used Bendix/King 210 channel hand units (EPH's??) to add to
>the 40-some the City already owns. In an understandable move of
>self-preservation, the local shop still won't sell me a programming cable.
>
>Since we're a disaster communications team, chances are great (read that
>"100%") that we'll have to do extensive reprogramming in the field on a
>mission-specific basis. Anybody know where I can get the required programming
>cable? Will King sell me one? We have the software, but only one cable, and
>it doesn't actually belong to the team. I know the radios are "sort of" field
>programmable manually, but we usually don't have that much time to spare. I'm
>spoiled with the TK630/730/830 rigs and their great software.
>--
>Rob Bailey, WM8S (wm8s@citynet.net) Kanawha / Charleston
>Bailey Computer Systems Radio Amateur Civil Emergency Service
>
>

Programing cables are a readly available part. If you communications
wont sell them, or is *charging* you to program these radios, they
are ripping you off. (our local shops wont charge if you buy equipment
there)

If you want a cable, contact STINE ELECTRONICS (406) 677-2148. Talk to
Bob Stine. He is very reasonable.

705. S-Com 7K

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: hcbacon@connix.com
Message-ID: <4decoo$mls@comet.connix.com>
Source record: 207219

I just bought an S-Com 7K controller for my repeater..
DTMF keypad'n is giving me mushroom fingers.. is there a
shareware/free ware program way for programing this puppy?
tnx
73
KA1ILH

706. Looking 4 dead batt: IC-2A(T) / HTX-202 / HTX-404

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: dave@dunfield.com
Message-ID: <4ddbam$ksm@news.compmore.net>
Source record: 207220

I'm looking for a dead nicad battery back of the type which fits an ICOM IC-2A(T), and the Radio Shack HTX type portable radios. This pack slides onto the bottom of the radio, and has a 12v barrel type jack built into it for connection the charger.

Why? I have an old IC-2AT, which does not have an external power jack. If I can find a dead ni-cad pack, I will remove the nicads, and replace them with a power filter, allowing me to operatte the radio from an external power source connected to the chargeing jack.

Dave VE3DRD

Dave Dunfield (dave@dunfield.com) Embedded System Development Tools
Dunfield Development Systems Box 31044 Nepean, Ontario Canada K2B 8S8
http://www.dunfield.com Tel:613-256-5820 Fax:256-5821 BBS:256-6289

707. HT recommendation (?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: jcupples@iphase.com
Message-ID: <jcupples-1501962209250001@va-dyn30.iphase.com>
Source record: 207221

After many years of interest, and listening to SW and 2M stormspotters in the Dallas area, a friend finally convinced me to go to a local class for the novice/tech no-code license.

I find that given Ohms law and Algebra I, I can expect to pass. Finally finding benifit in taking 5 semesters college calculus. Ladies in class very impressed by my math abilities. So planning for the hopeful new callsign in Feb is in process. Must learn 10M novice freqs sometime!

Wife detests existing home computer stuff and radio receivers, thinks all are waste of money and ugly. Knows ham gear is even nerdier, moans loudly at prospect of finding new spot for HF rig and big antenna.

Plan by telling her various places where it could go, she hates them all. Tell her OK, will sacrifice and buy only HT and maybe mobile rig sometime. She immediately agrees happily, her home decor will suffer very little.

Note strategy: I had no immediate interest in HF rig anyway. Brilliant scheme unfolding, few hundred $ is stashed away for purchase.

Ask around, many opinions.

1) get 2m/70cm dualband rig (many repeats)
2) brand X is crap
3) brank Y is crap
4) brand Z is good but way too epensive, hard to use.
5) brand X is great
6) brand Z is crap

Disregard most of above, consider building own rig to impress other hams with knowledge of PC layout and operation of SMT pick and place machines/reflow soldering. Future ham conversations will be great.

Too lazy for above, though. Want neat, small unit, works good, will not break soon and impress other hams when hanging on belt. Home brew would likely create too much smoke anyway. Various FCC concerns a possibility.

So please, any real experience with the following:

Kenwood TH-79(D)
Alinco DJ-G5T

Are these reliable, sound OK? Which options/accessories worth getting?

Intend to possibly participate in Skywarn nets, light use otherwise, probably casual use only. Want it to work well, not break. Like neatness, not afraid of reasonable complexity. Seems to me first drop may break unit, fear high cost of repair.

Appreciate your knowledgeable advice...

Jerry Cupples
jcupples@iphase.com

708. Re: FT-990 Noise Blanker

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: Friedemann Heyer <friedemann.heyer@bnr.ca>
Message-ID: <4ddnnj$ikc@crchh327.rich.bnr.ca>
Source record: 207222

Hi Chuck, Could you say a little bit more about what was to do
to get the FT-990 noise blanker working. I have this transceiver since
Christmas and everything works fine execpt the noise blanker. It simply
does nothing. Is there an internal control to enhance the trigger level
for the blanker. Thank you so much in advance

Greetings and vy 73 ... Friedemann

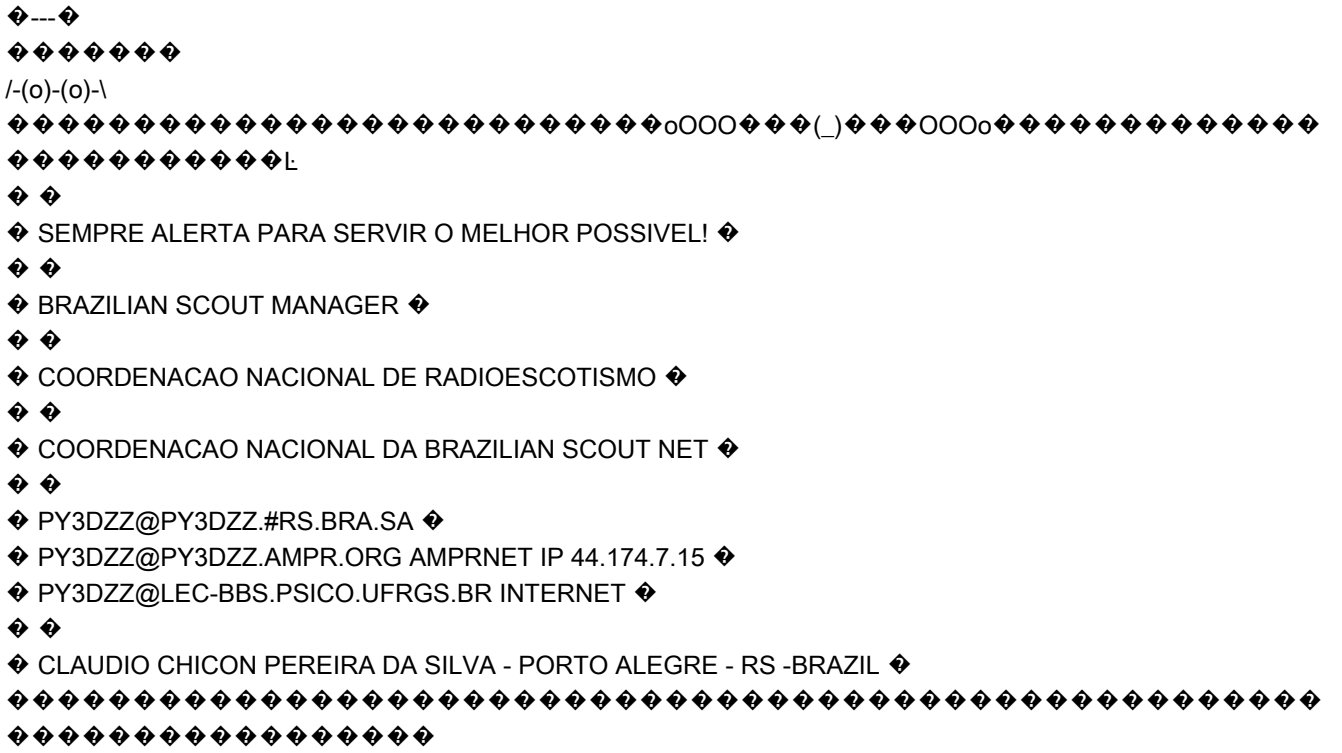
709. TEKK KS900 WANTED

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: py3dzz@PY3DZZ.ampr.ORG
Message-ID: <1305@PY3DZZ.ampr.org>
Source record: 207223

Hello to all

y need TEKK KS900 UHF TRANSCEIVER for operation in 431.900 9600bps
please send information for py3dzz@lec-bbs.psico.ufrgs.br

tanks in advanced

best 73/s Claudio


PY3DZZ@PY3DZZ.#RS.BRA.SA
PY3DZZ@PY3DZZ.AMPR.ORG AMPRNET IP 44.174.7.15
PY3DZZ@LEC-BBS.PSICO.UFRGS.BR INTERNET
CLAUDIO CHICON PEREIRA DA SILVA - PORTO ALEGRE - RS -BRAZIL

710. Standard C508A and Alinco580 cpu hooked to ear/mic jack Why?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: "Michael G. Reiney" <mreiney@hevanet.com>
Message-ID: <4dd5sa$2bv@vista.hevanet.com>
Source record: 207224

Both the radios have a connection from the CPU to the ear or mic jack.
I assume this is for some kind of digital control.
Does anyone know the functionality and comunication protocol?
thanks, miker

711. Alinco dj-580

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: ee95ajm@brunel.ac.uk
Message-ID: <4ddpa0$27h@ccsp-22.brunel.ac.uk>
Source record: 207225
Cross-posted to: rec.radio.amateur.equipment,uk.radio.amateur,rec.radio.amateur.misc

Hi,

I've got a alinco dj-580 handheld that appears to be playing up.
When i turn it on it works ok for a few seconds, then it seems to go deaf on
2, and not transmit on 70 (but still tx's on 2, and rx's on 70). I have noticed
that when it is acting up, and you tx on 70 (or at least try to :-)), the on airlight
flashes.

has anyone got any ideas what wrong?

andy, g7ueh

email - ee95ajm@brunel.ac.uk
www - http://http2.brunel.ac.uk:8080/~ee95ajm
bbs (ax25) - g7ueh@gb7bst (or at least it will be in & when i get
the radio working :))

712. 800/900 MHZ Range?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: subbustr@whidbey.net
Message-ID: <4dcc8t$70k@whidbey.whidbey.com>
Source record: 207281

Better than VHF/UHF on "simplex"freqs?
I have no experiance over 400mhz rigs?
Any advice wud be nice.

subbustr@whidbey.net

713. Modutec AC panel freq meter - available?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: salomon@saturn.caps.maine.edu
Message-ID: <4ddq22$123k@sol.caps.maine.edu>
Source record: 207282
Cross-posted to: alt.engineering.electrical,sci.electronics.components,sci.electronics.equipment,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

I am looking for a panel meter for measuring AC line frequency for a generator. Years ago, Simpson and Triplett made vibrating reed meters, and more recently, I have seen an analog panel meter made by Modutec (but I don't know how old it was).

Any one have any suggestions where to find one, or have suggestions for a quick and dirty frequency counter with a difital display?

Responses to my address below much appreciated.
--
Will Salomon
salomon@saturn.caps.maine.edu

714. Guide to the Personal Radio Newsgroups

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: jmaynard@admin5.hsc.uth.tmc.edu
Message-ID: <radio/personal-intro_821740285@rtfm.mit.edu>
Source record: 207283
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.info,rec.answers,news.answers

```
Posted-By: auto-faq 3.1.1.2
Archive-name: radio/personal-intro
Revision: 2.1 1994/11/01 03:50:23
Posting-Frequency: posted on the 15th of each month

This message describes the rec.radio.amateur.*, rec.radio.cb,
rec.radio.info, and rec.radio.swap newsgroups, as well as their Internet
mailing list counterparts and complements. It is intended to serve as a
guide for the new reader on what to find where. Questions and comments may
be directed to the author, Jay Maynard, K5ZC, by Internet electronic mail at
jmaynard@admin5.hsc.uth.tmc.edu. This message was last changed on 31 October
1994 to add the discussion of non-Usenet mailing lists and streamline most
of the history discussion, and to change the moderator information for
rec.radio.info.

History
=======

Way back when, before there was a Usenet, the Internet hosted a mailing list
for hams, called (appropriately enough) INFO-HAMS. Ham radio discussions
were held on the mailing list, and sent to the mailboxes of those who had
signed up for it. When the Usenet software was created, and net news as we
now know it was developed, a newsgroup was created for hams: net.ham-radio.
The mailing list and the newsgroup were gatewayed together, eventually.

Over the years, as the net grew, the volume of discussion became
progressively higher. First one by one, and then as part of two
reorganizations, what was once one group became many. In the process,
developments elsewhere on the net were reflected in the groups as they were
created, most notably the change to place all of the ham radio groups in one
hierarchy.

The collection of newsgroups continues to grow as more people join the net,
and as more topics of discussion gain volume, I expect to see more groups be
created as well. This follows what is happening on the rest of the net.

Nearly all of the radio newsgroups have corresponding mailing lists, the
notable exception being rec.radio.swap. There are also a few mailing lists
that don't have newsgroups.

The Current Groups
==================

It's important to post messages to the group that's appropriate for them,
and not to the groups that aren't. The whole idea of having different
```

newsgroups is so that folks who aren't interested in, say, homebrewing, don't have to wade through messages about homebrewing on the way to read about Field Day. Posting appropriately is just good etiquette.

The rec.radio.amateur.misc group is the catchall. It is what rec.ham-radio was renamed to during the first major reorganization. Any message that's not more appropriate in one of the other groups belongs here, from contesting to DX to ragchewing on VHF to information on becoming a ham.

The group rec.radio.amateur.digital.misc is for discussions related to (surprise!) digital amateur radio. This doesn't have to be the common two-meter AX.25 variety of packet radio, either; some of the most knowledgeable folks in radio digital communications can be found here, and anything in the general area is welcome. The name was changed to emphasize this, and to encourage discussion not only of other text-based digital modes, such as AMTOR, RTTY, and Clover, but things like digital voice and video as well. The former group, rec.radio.amateur.packet, was removed on September 21st, 1993. It is obsolete, and you should use .digital.misc instead (or the appropriate new mailing list, mentioned below). The group has .misc as part of the name to allow further specialization if the users wish it, such as .digital.tcp-ip.

The swap group is rec.radio.swap. This recognizes a fact that became evident shortly after the original group was formed: Hams don't just swap ham radio gear, and other folks besides hams swap ham equipment. If you have radio equipment, or test gear, or computer stuff that hams would be interested in, here's the place. Equipment wanted postings belong here too. Discussions about the equipment generally don't; if you wish to discuss a particular posting with the buyer, email is a much better way to do it, and the other groups, especially .equipment and .homebrew, are the place for public discussions. There is now a regular posting with information on how to go about buying and selling items in rec.radio.swap; please refer to it before you post there. To answer a frequently asked question: No, there is no mailing list that goes along with this group. If you can't read Usenet news directly, you're out of luck.

The group rec.radio.amateur.policy was created as a place for all the discussions that seem to drag on interminably about the many rules, regulations, legalities, and policies that surround amateur radio, both existing and proposed. Recent changes to the Amateur Radio Rules (FCC Part 97) have finally laid to rest the Great Usenet Pizza Autopatch Debate - it's now legal to order a pizza on the autopatch, if you're not in the pizza business - as well as complaints about now-preempted local scanner laws hostile to amateurs, but plenty of discussion about what a bunch of rotten no-goodniks the local frequency coordinating body is, as well as the neverending no-code debate, may still be found here.

The group rec.radio.cb is the place for all discussion about the Citizens' Band radio service. Such discussions have been very inflammatory in rec.ham-radio in the past; please do not cross-post to both rec.radio.cb and rec.radio.amateur.* unless the topic is genuinely of interest to both hams and CBers - and very few topics are.

The rec.radio.info group is just what its name implies: it's the place where informational messages from across rec.radio.* may be found, regardless of where else they're posted. As of this writing, information posted to the group includes Cary Oler's daily solar progagation bulletins, ARRL bulletins, the Frequently Asked Questions files for the various groups, and radio modification instructions. This group is moderated, so you cannot post to it directly; if you try, even if your message is crossposted to one of the other groups, your message will be mailed to the moderator, who is currently David Dodell, WB7TPY. The email address for submissions to the group is rec-radio-info@stat.com. Inquires and other administrivia should be directed to rec-radio-info-request@stat.com. For more information about rec.radio.info, consult the introduction and posting guidelines that are regularly posted to that newsgroup.

The groups rec.radio.amateur.antenna, .equipment, .homebrew, and .space are for more specialized areas of ham radio: discussions about antennas, commercially-made equipment, homebrewing, and amateur radio space operations. The .equipment group is not the place for buying or selling equipment; that's what rec.radio.swap is for. Similarly, the .space group is specifically about amateur radio in space, such as the OSCAR program and SAREX, the Shuttle Amateur Radio EXperiment; other groups cover other aspects of satellites and space. Homebrewing isn't about making your own alcoholic beverages at home (that's rec.crafts.brewing), but rather construction of radio and electronic equipment by the amateur experimenter.

Except for rec.radio.swap and rec.radio.cb, all of these newsgroups are available by Internet electronic mail in digest format; send a mail message containing "help" on a line by itself to listserv@ucsd.edu for instructions on how to use the mail server.

All of the groups can be posted to by electronic mail, though, by using a gateway at the University of Texas at Austin. To post a message this way, change the name of the group you wish to post to by replacing all of the '.'s with '-'s - for example, rec.radio.swap becomes rec-radio-swap - and send to that name@cs.utexas.edu (rec-radio-swap@cs.utexas.edu, for example). You may crosspost by including multiple addresses as Cc: entries (but see below). This gateway's continued availability is at the pleasure of the admins at UT-Austin, and is subject to going away at any time - and especially if forgeries and other net.abuses become a problem. You have been warned.

Mailing Lists

In addition to the mailing lists that mirror the Usenet newsgroups, there also are a few that stand alone. These cover specific areas of ham radio, and discussion is focused on just those areas.

The cq-contest mailing list is for discussions of contesting in ham radio. To join, send email with the word "subscribe" on a line by itself to cq-contest-request@tgv.com.

The DX mailing list covers the finer points of DXing. This one is also joined by mailing "subscribe" on a line by itself, this time to

dx-request@unbc.edu.

There's also a VHF mailing list, for VHF operators of the weak signal persuasion. You can join this one be sending "subscribe vhf" on a line by itself to vhf-request@w6yx.stanford.edu.

All of the following mailing lists are sponsored to the Boston Amateur Radio Club, as well as some others of local interest. Thanks to N1IST for the information.

qrp-l: This is the qrp mailing list, previously maintained by Bruce Walker at Think.com. It is for discussions about the design, construction, and use of qrp (low power) radios and related equipment.
arrl-ve-list: This is a one-way list, run by Bart Jahnke of the ARRL VEC, for announcements to VEs and VE teams.
w1aw-list: ARRL bulletins, news, and information
newsline-list: Redistribution of Amateur Radio Newsline
letter-list: Redistribution of the ARRL Letter
fox-list: Fox hunting and Radio Direction Finding
fieldorg-l: ARRL field organization discussions
ham-tech: Technical discussions and questions about Amateur Radio
arrl-exam-list: amateur radio license examinations scheduled in the US and in some foreign areas.

To sign up or inquire about these lists, send mail to listserv@netcom.com with the following in the body (subject is ignored) of the message.
<listname> is the name of the list to subscribe to.
To subscribe: subscribe <listname>
To unsubscribe: unsubscribe <listname>
For more information: help
To post (to the two-way lists), send your message to <listname>@netcom.com

Please do NOT send subscription requests to the mailing lists themselves; that doesn't work very often, and is very annoying to those on the list. Also, please keep your electronic mail address current with any mailing lists you subscribe to, as dealing with returned email is a nuisance for the person maintaining the mailing list.

A Few Words on Crossposting
==========

Please do not crosspost messages to two or more groups unless there is genuine interest in both groups in the topic being discussed, and when you do, please include a header line of the form "Followup-To: group.name" in your article's headers (before the first blank line). This will cause followups to your article to go to the group listed in the Followup-To: line. If you wish to have replies to go to you by email, rather than be posted, use the word "poster" instead of the name of a group. Such a line appears in the headers of this article.

One of the few examples of productive cross-posting is with the rec.radio.info newsgroup. To provide a filtered presentation of information articles, while

still maintaining visibility in their home newsgroups, the moderator strongly encourages cross-posting. All information articles should be submitted to the rec.radio.info moderator so that he may simultaneously cross-post your information to the appropriate newsgroups. Most newsreaders will only present the article once, and network bandwidth is conserved since only one article is propagated. If you make regular informational postings, and have made arrangements with the moderator to post directly to the group, please cross-post as appropriate.

--
Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
jmaynard@admin5.hsc.uth.tmc.edu | adequately be explained by stupidity.
"All is strange and vague." "Are we dead?" "Or is this Ohio?"
-- Yakko and Dot Warner

715. Re: Wanted: Info on 10 GHz equip:

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan15.163851.17134@ke4zv.atl.ga.us>
Source record: 207284

In article <30F95B8B.5206@access.mountain.net> "Timothy E. Connolly"
<kb8eht@access.mountain.net> writes:
>Hello, a visiting ham from Texas described to me how they are setting
>up high speed (10mbit+/sec) links using 10 GHz transceivers. He told me
>I could even use a grocery store-door opener as the transceiver. I
>picked up 3 txers at a hamfeast (Uniontown, PA) for $10. I assume I
>need to build a pair of parabolic dishes to spec.
> Is there a possibility of mixing a 1.5Mbit/sec sine wave onto the
>RF signal?

The short answer is no. These intrusion detector units do not have
a separate modulator diode, so you have to impress modulation on
the gunn diode regulator (a 7808 or such like). Those only have
a gain/bandwidth product sufficient to pass audio frequencies.
(An easy way to do that is to place the secondary of an audio
transformer in series with the common leg of the regulator to
ground. Feed audio into the primary, and the gunn diode voltage
will be modulated.) To get sufficient modulation bandwidth for
high speed data, you need the Microwave Associates Gunnplexer.
It uses a separate modulation diode and can handle high rate data.

Your units have two diodes, the gunn diode and the detector diode.
The MA units have three diodes, the gunn diode, the modulator diode,
and the detector diode. It's barely conceivable that you could
modify your units to add the third diode, but I couldn't begin
to give you detailed instructions on how to do that. Diode placement
and diode type are *critical*. You'd need a milling machine or a
very good drill press with an X-Y table to have any hope of locating
the third diode properly. That is, *after* you figured out where
"proper" is for your units.

It's also possible you could use a different gunn regulator
design that would allow you to impress the high rate modulation
on the diode bias voltage, but that would very likely make
the gunn oscillator unstable (as if it is stable anyway)
and make performance very poor.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

716. Re: FT-990 Noise Blanker

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: "C. J. Hawley" <hawley@aries.scs.uiuc.edu>
Message-ID: <30FA8CCF.5D89@aries.scs.uiuc.edu>
Source record: 207285

PS: Get yourself an ANC-4 from JPS (AES and Davis RF has them too for a
few bucks off). It's great.
--

Charles Jack Hawley Jr.
Amateur Radio KE9UW (A.K.A. 'Chuck' in Ham Radio)
BMW K100RS, BMWMOA #224 (A.K.A. 'Jack' in Motorcycles)
hawley@aries.scs.uiuc.edu
Sr. Research Engineer Emeritus
Univ of Ill, Urbana-Champaign

717. Attenuator for 10W to 5mw

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: jagg@globalone.net
Message-ID: <4de907$chm@news.global1.net>
Source record: 207286

can some one please help me with a circuit to build a
an attenuator from 10W to 5 mw on 28mhz?. I am planning
to drive a 435 mhz transverter with a 28 mhz rig on ssb and CW.
I can pay for photo-copying, postage and other reasonable
expenses. AA2LJ

718. Re: FT-990 Noise Blanker

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: "C. J. Hawley" <hawley@aries.scs.uiuc.edu>
Message-ID: <30FA8C5C.11F3@aries.scs.uiuc.edu>
Source record: 207287

Friedemann Heyer wrote:
>
> Hi Chuck, Could you say a little bit more about what was to do
> to get the FT-990 noise blanker working. I have this transceiver since
> Christmas and everything works fine execpt the noise blanker. It simply
> does nothing. Is there an internal control to enhance the trigger level
> for the blanker. Thank you so much in advance

There are two adjustments on the IF unit, T2001 and T2002. Connect a DC voltmeter to TP2001, inject 14.2MHz (they say 20dBu..?) and adjust for min voltage on the meter. The adjustments are just about impossible to get to without an extender board. I tried adj. and putting the board back in for some noticeable improvement.
Same deal with the notch. L2010 and VR2007 (you can get to it), and tune for min s meter reading.
The extender boards (3 types) are about $275. The connectors are expensive....I didn't seriously consider making them. In fact I never found the connectors as parts anywhere. Anybody know?

Chuck, KE9UW

719. Re: Atlas 350-XL needs repair

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: ecgallup@mlode.com
Message-ID: <4dcfal$ab8@news.wco.com>
Source record: 207288

In article <4d34lj$pc8@mksrv1.dseg.ti.com>,
QRP%mimi@magic.itg.ti.com (D W Hemphill KC5NG) wrote:
>>Is this the same Atlas Radio that took buyer's funds on a pre-
>>distribution basis and still hasn't delivered product? Or has that
>>situation been resolved?
>>
>Beats me. I just saw the ad in QST and thought maybe this guy
>could look into it and maybe get his radio fixed. I have no
>idea who runs the business, if they can be trusted, etc.
>
>73 de KC5NG
>

This is the same guy, (Herb Johnson) who was founder of Atlas Radio. He
is the guy whose new operation has taken orders for over two years (prepaid)
and still not delivered. His adds are in CQ magazine.

Ed WB6SAT ecgallup@mlode.com

720. RSGB Marketing info

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: jburtens@bournemouth.ac.uk
Message-ID: <4ddvvu$p78@news.bournemouth-net.co.uk>
Source record: 207289

If anyone is interested, I've just found the marketing/advertising agency who handles the Radio Society of Great Britian stuff - they are at http://www.bucc.co.uk/mta/home.html

73 de John

721. Re: FT-1000D Noise Blanker

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: "C. J. Hawley" <hawley@aries.scs.uiuc.edu>
Message-ID: <30FA4D2D.489B@aries.scs.uiuc.edu>
Source record: 207290

Bill Holbert Sr. wrote:
>
> jhill@minn.net (John S. Hill) wrote:
>
> >I recently upgraded to an FT-1000D after my much loved and highly
> >tweaked TS-930 took a lightning hit. I have been satisfied with the
> >FT-1000D despite it not having the IRCI filters my 930 had but the
> >noise blanker seems to not function nearly as well as I expected.
> >My 930 would nearly eliminate an S-7 line noise problem, though like
> >many rigs it was succeptable to overload by strong adjacent signals.
> >On the other hand, the FT-1000D barely drops the line noise by half
> >an S unit. It doesn't matter whether I use the wide or narrow noise
> >blanker mode. Anyone else care to comment on their FT-1000D's noise
> >blanker performance? Thanks in advance.
>
> John, I have had similar experience with my FT-1000D and It is about
> four years old . The nb level adjust does little to adjust the level
> of blanking. This is the only shortcoming I have with the equipment.
> I love the radio but to overcome the above I use the MFJ-DSP with the
> radio and get excellent results. Regards, Bill, W5BBR.
>
> >John S. Hill, NJ0M
> >Product Engineer
> >Timewave Technology
> >jhill@minn.netCan't you improve your noiseblanker performance by touching up the
internal adjustments as per alignment instructions? I had to tune up
both my TS850 and FT990 in that way and greatly improved the
performance of both radios. On the 990 I was only able to reach one
control due to the requirement for extender boards, but it helped.
Chuck, KE9UW
--

722. Looking for feed back on Icom-706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: at738@FreeNet.Carleton.CA
Message-ID: <DL7M8L.2Aw@freenet.carleton.ca>
Source record: 207291

I'm thinking of getting a Icom 706 in a few weeks time. Just wonder if anyone out there has it and would like to hear some comments.

Or is there somewhere on the Net I can grab any info? And Yes I've gone to the Icom Webpage. Nothing there but some nice radio pics.

Thanks.

--
David Toste [VE3TOS] Internet - aa521@freenet.toronto.on.ca
Don Mills, Ontario. SWLOGit - The Ultimate Shortwave Listeners
ftp.virginia.edu /pub/swlogit/ Software. (Fidonet: 1:250/930)
NEW http://www.interlog.com/~saturn/SWLOGit.html (SWLOGit Web Page)

723. Need manual for Clegg FM-27B

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: rreames@ix.netcom.com
Message-ID: <4dd0aa$a3u@ixnews8.ix.netcom.com>
Source record: 207292

I picked up a nonworking Clegg FM-27b at a hamfest and with a little
cleaning and repair got it on the air. I'd like to find at least a
schematic or a copy of the whole manual.
It's probably not worth anything but it works pretty good for a 25 yr.
old rig.
Randy
WA0TKO
Thornton, Co.
rreames@ix.netcom.com

724. Re: FT-1000D Noise Blanker

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: realbill@phoenix.net
Message-ID: <4dcfkf$gvd@gryphon.phoenix.net>
Source record: 207293

jhill@minn.net (John S. Hill) wrote:

>I recently upgraded to an FT-1000D after my much loved and highly
>tweaked TS-930 took a lightning hit. I have been satisfied with the
>FT-1000D despite it not having the IRCI filters my 930 had but the
>noise blanker seems to not function nearly as well as I expected.
>My 930 would nearly eliminate an S-7 line noise problem, though like
>many rigs it was succeptable to overload by strong adjacent signals.
>On the other hand, the FT-1000D barely drops the line noise by half
>an S unit. It doesn't matter whether I use the wide or narrow noise
>blanker mode. Anyone else care to comment on their FT-1000D's noise
>blanker performance? Thanks in advance.

John, I have had similar experience with my FT-1000D and It is about
four years old . The nb level adjust does little to adjust the level
of blanking. This is the only shortcoming I have with the equipment.
I love the radio but to overcome the above I use the MFJ-DSP with the
radio and get excellent results. Regards, Bill, W5BBR.

>John S. Hill, NJ0M
>Product Engineer
>Timewave Technology
>jhill@minn.net

725. Re: Atlas 350-XL needs repair

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: dandrox@montana.com
Message-ID: <4dea34$k0v@maw.montana.com>
Source record: 207294

In article <4d34lj$pc8@mksrv1.dseg.ti.com>, QRP%mimi@magic.itg.ti.com (D W Hemphill KC5NG) says:
>
>>Is this the same Atlas Radio that took buyer's funds on a pre-
>>distribution basis and still hasn't delivered product? Or has that
>>situation been resolved?
>>
>Beats me. I just saw the ad in QST and thought maybe this guy
>could look into it and maybe get his radio fixed. I have no
>idea who runs the business, if they can be trusted, etc.
>
>73 de KC5NG
>
YES this is the same Atlas radio that took buyers funds on a pre-
distribution basis and still hasn't delivered product. That situation
has not been resolved. The guy is Herb Johnson, and in all fairness, he
is the guy who's company built your 350-XL way back when.

726. Re: ADI 2 meter radios. Who is ADI?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: fitr%mimi@magic.itg.ti.com
Message-ID: <4dd9bm$adc@tilde.csc.ti.com>
Source record: 207295

In article <96011361004@microserve.com>, James.Molinaro@Microserve.com says...
>
>Lately I have been seeing ads for ADI 2 meter radios made by Premier
>Communications. Prices are very reasonable. Does anyone have any info on this
>company?
>Thanks in advance.
>
>Jim
Hi Jim,

Joe here from Bravo Victor Two land. ADI is a product of Taiwan.
They are an OEM producer of several VHF and UHF handheld transceivers.
New for 1996, they have introduced both a VHF and a UHF mobile transceiver
in addition to a dual-bander.

Designs of the handhelds are from Standard (Japan) and the VHF / UHF mobile
rigs resemble the Kenwood TM-x41 series. Appearance is very similar, as is
functionality.

Quality has vastly improved from earlier models, and considering the price
versus the name brands, it seems to be a good route to go. Of course, the
resale value may be lower since you dont have a "name brand", but in todays
world of value concious hams it's worth a bet.

They are all over the place here in Taiwan, used in commercial and amateur
service. Taxi drivers especially seem to like them.

Need more info? Email me at joentam@transend.com.tw for more details.

73,

dit dit
--
73 from Joe Fitter BV/N0IAT Taipei, Taiwan R.O.C.
Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine only

727. Re: JPS ANC-4

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: Dave Hockaday <wb4iuy@nando.net>
Message-ID: <4dcggb$pds@castle.nando.net>
Source record: 207296

>In article <4cu9e1$rdl@chnews.ch.intel.com>, tom_boza@ccm.ch.intel.com wrote:
>>Does anyone here on the newgroup have experence with the JPS ANC-4
>>Antenna Noise Canceller unit? I have a AC power line noise problem
>>on 40 meters and thinking of purchasing one. However before doing
>>so, Im looking for pros & cons with the unit.
>>Thanks, 73 WB7ASR...
>>tom_boza@ccm.ch.intel.com

I have one of these beauties, As the others have already said, it is a
dead ringer for powerline noise, horizontal osc noise from TV's, computer
noise, etc. I love mine, and it takes the local noises completely out
(from over S-9 at times!!) and I hear things that I didn't know were
there. My NIR-10 DSP works better with it, too.

73 de Dave Hockaday WB4IUY
wb4iuy@nando.net

728. Ft-901 parts needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: Dave Hockaday <wb4iuy@nando.net>
Message-ID: <4dcgvd$pds@castle.nando.net>
Source record: 207297

I have an old Yaesu FT-901DE HF rig. It is basically the same as a 901 DM, but without the memory module for split operation. It already has the cables, front panel controls, etc, and the memory module could have been added later...but mine never got it. Yaesu says that the module is no longer available. Does anyone have an old junker 901 DM that I could buy the memory module out of? Module condition isn't important, as I can repair a defective unit...I simply need a starting point.

Thanks!
73 de Dave Hockaday WB4IUY
wb4iuy@nando.net

729. Icom IC-T22 TX range

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: s3_0114@dpx650.EFP.Poznan.PL
Message-ID: <4dd846$hbi@math.amu.edu.pl>
Source record: 207298

Paraglider pilots in Poland use frequencies about 160MHz.

How to expand the Icom IC-T22's TX range to let it cover 160MHz
as well as ham frequencies?

Tomek Burdziak

730. Re: Icom IC-W21AT Questions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: g_reed@icon.net
Message-ID: <N.011596.083633.02@icon.net>
Source record: 207299

> Just a few questions concerning the HT.
>
> Does it have CTCSS encode/decode?
>
> How important is this feature to a beginner?
>
> I am a newbie to ham radio and am considering this as a first HT.
>
> Any impressions on this radio would be greatly appreciated.
>
> I just learned that it has been discontinued, and is available new at
> a very attractive price.
>
> Thank you in advance
>

I have been using this radio for about two years now in Civil Air Patrol and amateur radio service. I have been completely happy with its operation. Although it is dual band, I generally use it in the Vhf/Vhf mode. This allows me to monitor two vhf freqs at the same time. This is done primarily in CAP when we are operating on one freq for aircraft and another for ground teams.

The radio comes equipped with CTCSS encode and has decode as an option. I would highly recommend that you get a radio with the encode function. Many repeaters require CTCSS for access. The decode is another story. I use it on my mobile rig to eliminate a lot of intermod when monitoring my club's repeater. Our repeater transmits a CTCSS code and you can set your decode to only respond to it. This is not a problem usually for my H/T. With its small antenna, it usually is not subject to the intermod problems.

Is this a good radio for a beginner. It has a LOT OF FEATURES. This can be a challenge even to experienced VHFers. If you have patience and maybe a source of help (read as "Elmer"), you will probably very happy with the radio.

Best of luck and 73,

P.S. - Don't leave home without the owner's manual. o<:-}

<><><><><><><><><><><><><><><><><><><><><><><><><><><><><>
<> Glenn Reed <>
<> OK Wing Communications - C.A.P. <>
<> Sooner 44 <>
<> KF5XB <>
<><><><><><><><><><><><><><><><><><><><><><><><><><><><><>
Note: The above remarks do not necessarily
represent those of anything sentient.

731. Re: FT-1000D Noise Blanker

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: Friedemann Heyer <friedemann.heyer@bnr.ca>
Message-ID: <4ddpvq$ikc@crchh327.rich.bnr.ca>
Source record: 207300

Hi Chuck, Could you say a little bit more about what was to do
to get the FT-990 noise blanker working. I have this transceiver since
Christmas and everything works fine execpt the noise blanker. It simply
does nothing. Is there an internal control to enhance the trigger level
for the blanker. Thank you so much in advance

Greetings and vy 73 ... Friedemann

(PS. I'm not sure if you've got my 1st mail, if so, forget the 2nd Hi)

732. wanted !! mods for icom ic2se handie

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: ian <ian@elec.demon.co.uk>
Message-ID: <712556237wnr@elec.demon.co.uk>
Source record: 207301

```
can anybody post me the mods, for extended RX on the icom 2se handie
any info would be appreciated !!!

thanks in advance

ian
--
```

733. WTB: ICOM 03AT HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: fm00vill@ucsbuxa.ucsb.edu
Message-ID: <fm00vill-1501961236580001@128.111.142.230>
Source record: 207302

Wanted to buy:

Icom 03AT handie-talkie.

TIA,
:-) neil
805.893.8889 lv.msg.anytime
fm00vill@ucsbuxa.ucsb.edu (those are zeroes "00", not the letter "o")

734. WTB: 6-meter module for Kenwood 742

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: fm00vill@ucsbuxa.ucsb.edu
Message-ID: <fm00vill-1501961236200001@128.111.142.230>
Source record: 207303

Wanted to buy:
6-meter module for a Kenwood 742 mobile tribander.

TIA,
:-) neil
805.893.8889 lv.msg.anytime
fm00vill@ucsbuxa.ucsb.edu (those are zeroes "00", not the letter "o")

735. WTB: STANDARD 2m/220 HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-15 00:00:00 UTC
From: fm00vill@ucsbuxa.ucsb.edu
Message-ID: <fm00vill-1501961237560001@128.111.142.230>
Source record: 207304

Wanted to buy:

Standard 2-meter/220 handie-talkie.

TIA,
:-) neil
805.893.8889 lv.msg.anytime
fm00vill@ucsbuxa.ucsb.edu (those are zeroes "00", not the letter "o")

736. Re: FS: Ham radio equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: pleines@stars.gsfc.nasa.gov
Message-ID: <4dh9d2$55u@post.gsfc.nasa.gov>
Source record: 207155

In article <4d95c9$nkf@shore4.intercom.net>, "Steven A. Bailey" <bailey@skipjack.net>
says:
>
>I have the following items for sale:
>
>1. Astron 20-A linear power supply. 16 Amps continuous.
> 13.8 VDC. $75
>
>2. Optoelectronics 2810 Hand Held frequency counter.
> Range is 10 Hz to 2.4 Ghz $75
>
>3. Palomar PT-340 Tuner-Tuner $50
>
>4. Datong VLF Convertor...converts incoming VLF signals
> to frequencies 28 Mhz or higher...For easy tuning on
> normal communications receivers. $50
>
>5. MFJ VHF 144-220 Mhz SWR/Wattmeter $15
>
>
>All the above items work perfectly...I believe these are fair
>prices, so you pay shipping.
>
>Steve
>
>
>
IS YOUR VLF CONVERTER STILL AVAILABLE FOR SALE?? IF SO, LET ME KNOW HOW I CAN CONTACT YOU
TO PURCHASE.
THANKS MUCH!

737. >>> for sale: YAESU FT-530 <<<

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: jjacobs@pebbles.uswnvg.com
Message-ID: <4dgn5j$qj9@fred.uswnvg.com>
Source record: 207156

For sale: YAESU FT-530 Dual band, 2m & 70cm, compact handheld

* 1 year old, like new

* Includes the manual, wall charger, DC adapter for car.

* Paid $372, make serious offer.

* Will ship UPS COD (cash or cashiers check only).

* Reason for selling: not using it.

Please, serious inquiries only.

Thanks,
Jeff Jacobson
jjacobs@uswnvg.com

738. Yaesu FT-11r programming protocol ...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: Don Pomplun <pomplun@llnl.gov>
Message-ID: <4dgohv$qrp@lll-winken.llnl.gov>
Source record: 207157

Has anyone doped out the serial protocol that is used to program the
Yaesu radios, particularly the FT-11R ??
Thanx
Don K2BIO
pomplun@llnl.gov

739. looking for stuff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: Shawn Kubik <skubik@mailhost.oxford.net>
Message-ID: <4dhbag$5ti@server1.oxford.net>
Source record: 207158

I am looking for some circit plans to build a low power radio transmiter.

740. Re: recomendations for dual-band HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: Myra Colter <mreiney@hevanet.com>
Message-ID: <4dgrh9$ofa@vista.hevanet.com>
Source record: 207159

If you can get by without the DTMF pad, The Standard C508A Dualbander is pretty nice. If you look at the measurements, it doesn't look much smaller than the competition. But when you stick it in your shirt pocket, you still have room for your sunglasses. Borrow a handheld and run it on low power to make sure that 200mw is enuff to do what you want. I've got a stack of higher powered, more featured handhelds, but they're all siting on the shelf since I got the 508.
miker

741. Re: Pinouts for IC2SRA and IC2GXAT?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: keithw@bctv.com
Message-ID: <PT2+wwUN3jXG086yn@bctv.com>
Source record: 207160

In article <medcalf-1401961519040001@port20.idtslw1.idir.net>,
medcalf@idir.net (gloria medcalf) wrote:
[In article <STu9wwUN3v3U086yn@bctv.com>, keithw@bctv.com wrote:
[
[> Can anyone supply the pinouts for either of these HTs? I want to hook
[up a TNC
[> and military handset to them.

[Hi Keith, pin-outs are the same as for a IC-2AT. There is a diagram for
[connecting to a tnc at
[
[http://www.idir.net/~medcalf/ztx/wire/

Thanks for the one, but the IC2SRA uses a SINGLE plug for mic/spkr/key.

Anyone got that pinout?

--

==========
Keith Wood TV-18 News anchor
Host/Producer, The Computer Program, FLYING TIME!, and Infinity Focus.
Gunsite (Orange) alumnus, Team OS/2, Parrothead, N7JUZ, AZ0237 but not a
number (I'm a FREE MAN!), creator of FIRE TEAM and HERO SEEKER
==========

742. Re: TenTec Argonaut mods sought

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: CBS5LD@leeds.ac.uk
Message-ID: <4dfur3$7to_001@leeds.ac.uk>
Source record: 207161

Any ideas where I can get an Argonaut (in the UK)? TIA

Laurens

743. Beginner rig, HF or VHF, advice please, in UK (Leeds)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: CBS5LD@leeds.ac.uk
Message-ID: <4dg05f$7to_002@leeds.ac.uk>
Source record: 207162

Hello all, I'm trying to get my amature radio license and would like some adive on a good rig to save up for, being a student funds are *very* limited. Would the secondhand market be a safe bet? Is the label on the box important (obviously Yaesu and Kenwood are decent but their prices can defy belief!). Would making my own be a far better solution (obviusly more fun)? Almost all the designs for radios require expensive (variable capacitors) or difficult to obtain items (some of the ICs).

Laurens

P.S. any amateurs out there in Leeds?

744. Amateurs in LEEDS, UK?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: CBS5LD@leeds.ac.uk
Message-ID: <4dg09g$7to_003@leeds.ac.uk>
Source record: 207163

Hello, I'm looking for radio amateurs in LEEDS, UK. Any round there?

Laurens

745. TS-670 for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: burch@netline.net
Message-ID: <4dggr8$k9k@tesla.netline.net>
Source record: 207164

A friend of mine has a Kenwood TS-670 for sale. The radio is 40 meters up to 6 meters. Very clean, very good condition for $450. He also has a 150watt 6 meter amp (10watts drive) for $250. If interested, please email me (he doens't have internet access).

burch@netline.net

746. Yaesu FT2400 problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: randolph@est.enet.dec.com
Message-ID: <4dgkti$4vm@mrnews.mro.dec.com>
Source record: 207165

My wife's Yaesu FT2400 has the following problem...

Transmitting on mid or high power, audio starts out clean. About 30 seconds into transmitting, the audio gets covered by a scratchy hiss, much like wind blowing across the mike. A hiss can be heard from the FT2400's speaker while transmitting when this occurs. About 1-2 minutes later, the noise goes mostly away, appearing only occasionally. No problem at all on low power. I suspect a bad joint in the audio chain somewhere... My father-in-law's FT2400 does the same thing only to a much lesser degree, so I expect someone out there will have seen this problem. If anyone knows the fix, please post!

==========
Tom Randolph N1OOQ NE-QRP 419 QRP-L 87 ARRL randolph@est.enet.dec.com
==========

747. Re: Choosing Amplifier ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: James Garland <garland@ohstpy.mps.ohio-state.edu>
Message-ID: <4dgouo$ig3@pacific.mps.ohio-state.edu>
Source record: 207166

Neither the Heath SB230 nor the COllins 30L1 are contest-grade amplifiers, and neither will handle "key down" service for more than a few seconds at full rated power. However, given a choice between the two, I'd definitely go for the 30L1. There are basically three reasons: (1) it is better made, with higher overall construction quality. (2) It is favored by collectors, with a resale price that will either be stable or increase over time. And (3) the replacement tubes are inexpensive and readily available. See Bill Orr's review in November CQ for caveats.
Jim W8ZR

748. Advice wanted for improv. AM reception

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: bwight@ix.netcom.com
Message-ID: <4dfu9l$hpv@ixnews8.ix.netcom.com>
Source record: 207167

Advice wanted:

I am trying to receive AM radio stations' signals in northern California (I'm in southern California) with ordinary stereo equipment. Powerful stations like KGO (50,000 watts?) I can receive almost perfectly (at night). Other stations I try (at night) are either barely audible above background static (which makes it impractical to listen to) or weakly fade in and out while periodically being overtaken by some other signal (usually some weird music).

What is the best way at a reasonable cost ($75 maximum, preferably $20-$50) to pick up these stations better? New antenna, receiver, etc? Any recommendations for brand, store, etc? Is my price restriction too low for what I want? Is my wish beyond the capabilities of radio waves?

If you can, please e-mail any advice/input/experiences to:

bwight@ix.netcom.com

Thanks in advance,
Brian Wight

749. Re: recomendations for dual-band HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <4dhlao$icb@newsbf02.news.aol.com>
Source record: 207168

I have the Yaesu 51r and love it..also have 2 of the 5 watt battery packs though in retrospect I think I should have just got the smaller 2 watt packs..but its a great radio..plenty of bells and whistles to keep you busy..have fun! -Mike KS4DA

750. Re: Pinouts for IC2SRA and IC2GXAT?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: Russ Roslewski <roslewskirb96%cs26@cadetmail.usafa.af.mil>
Message-ID: <30FC2B78.680F@cadetmail.usafa.af.mil>
Source record: 207169

Keith Wood wrote:

>
> Thanks for the one, but the IC2SRA uses a SINGLE plug for mic/spkr/key.
>
> Anyone got that pinout?
>

It should be the same as for the W2A, which you will find in the same
directory.

73 and good luck,
Russ KI7FL

--
roslewskirb96%cs26@cadetmail.usafa.af.mil __|__
PP-ASEL (AOPA #01215297) KI7FL (DM79na) CAP _______(*)_______
"Pick me up so high...where eagles fly!" - Sammy Hagar o/ \o
"This content in no way reflects the opinions, standards, or policy of
the United States Air Force Academy or the United States government."

751. Undeliverable Mail

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: NonDelivery_MailManager-MDIL02N1@email.mot.COM
Message-ID: <"Macintosh.*.PRMD=MOT.ADMD=MOT.C=US."@MHS>
Source record: 207170

Message: Ham-Equip Digest V96 #14
Sent: Mon, Jan 15, 1996 5:29 PM
To: Wilson-EJW012 Jim
On Server: FL08_MS_Mail_11
Date: Tue, Jan 16, 1996 6:21 AM
Reason: Could not be delivered because the destination Microsoft Mail server could not be found.

752. Re: Amateurs in LEEDS, UK?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <821794625snz@microvst.demon.co.uk>
Source record: 207171
Cross-posted to: rec.radio.amateur.equipment,uk.radio.amateur

In article <4dg09g$7to_003@leeds.ac.uk> CBS5LD@leeds.ac.uk "L. DE BRUIJN" writes:

> Hello, I'm looking for radio amateurs in LEEDS, UK. Any round there?

I suggest that you ask in uk.radio.amateur to which this is copied with
followup set.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

753. info on the Yaesu ft-811??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: klwh1@ix.netcom.com
Message-ID: <4dh43q$o4c@cloner2.ix.netcom.com>
Source record: 207172

Hi all,
I just resently purchased a Yaesu FT-811. Does anyone has any mod for
this radio?

thanks in advance
Jeff

754. (none)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: bj@gin.or.JP
Message-ID: <9601161321.AA00006@bj.gin.or.jp>
Source record: 207173

```
subscribe
```

755. Re: Restoring HQ-129-X

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4dg9gb$i7q@mksrv1.dseg.ti.com>
Source record: 207174

I restored an HQ-129-X a couple of years ago. It was a fun project and very rewarding. My set was a one-owner unit with the matching speaker and original manual. It had not been run in about thirty years. I got it for free! :)

I replaced ALL of the old rolled-waxed-paper capacitors with modern mylar (?) units (the yellow ones), and also replaced the electrolytics. Nearly all of the tubes were bad, and I replaced those as well.

I disassembled the set as much as possible, cleaned every-thing thoroughly, and "fired 'er up". I was pleased when the ol' gal came to life the first try!

As for cosmetic restoration, this is a big challenge. The front panel on mine was very worn and the markings were not salvageable. I stripped the panel to bare metal, primered it, and painted it using a light gray that was extremely close to the original color. As for the lettering, I got a set of rub-on lettering from Antique Electronic Supply in Tempe, AZ. I was able to re-create ALL of the markings on the front panel controls, very very close to the original. The big "HAMMARLUND" script and the "HQ-192-X" names were not re-creatable, so I left them off (a skilled artist may be able to hand-letter these with a fine paint brush). I clear-coated the entire panel after completing the lettering process, applying about a dozen fine coats for protection.

I stripped the cabinet to bare metal, sanded away a few rust spots, primered it, then shot it with black wrinkle-finish paint. Same for the speaker cabinet.

I couldn't locate a speaker the right size, so I bought a big replacement speaker at Radio Shack and made a plywood spacer to mount it in the cabinet, and added grille cloth to cover the entire assembly before installing it in the cabinet. I used a beige grille cloth, which looked very nice contrasted against the black paint.

No, the restoration was not all original. However, the set drew plenty of attention at the hamfest where I sold it (this was in October, 1994). This past October at the same hamfest, the fellow who bought the set came up to me and told me that it was still working perfectly, and he was very proud to show it to visitors (he actually uses it on the air as a companion to an old Johnson rig!).

Would I do it again? You bet! In fact, I've located a candidate HQ-129-X, and I'm trying to talk the guy out of it (but it was his father's set, and he is not sure if he wants to let it get away, even though right now it's nothing but a piece of junk).

73 and good luck!
Dean, KC5NG

756. Re: >>> for sale: YAESU FT-530 <<<

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: jjacobs@pebbles.uswnvg.com
Message-ID: <4dh5s6$c4u@fred.uswnvg.com>
Source record: 207175

Jeff Jacobson (jjacobs@pebbles.uswnvg.com) wrote:
: For sale: YAESU FT-530 Dual band, 2m & 70cm, compact handheld

####
####
####
#
# # # # # #
####
####

The radio has been sold.

757. Opinions on the TenTec Scout?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: sgray@mail.microserve.net
Message-ID: <4dh6uf$lof@nuclear.microserve.net>
Source record: 207176

I read, quite a few months ago, a series of comments about the TenTec Scout. I haven't heard much in the way of commentary about the rig recently, and since I am considering purchasing one, I would appreciate any and all feedback on the rig anyone would care to pass along.

My main concerns revolve around receiver performance, and a comment someone made about the Scout's poor performance on CW.

Thanks for your help!

---Steve Gray
nr3b
sgray@ugly.microserve.net

758. IC-24 Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: pmoreau@cix.compulink.co.uk
Message-ID: <DLAs07.BHM@cix.compulink.co.uk>
Source record: 207177

What a superb radio the IC-24 is. Now I have your attention does any one have mods for this tx/rx?

Any info would be appreciated.

Thanks in advance.

759. Re: KAgold question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: laborde@kd6msm.jpl.nasa.gov
Message-ID: <laborde-1601961244550001@kd6msm.jpl.nasa.gov>
Source record: 207178
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

In article <30f58b68.53198298@news.netrax.net>, kjones@sun-link.com (Ken Jones) wrote:

> > Just tried the test version of KAGOLD. When I exited and tried using
> >my packterm again it does not accept commands!!! I had this problem with
> >another program and had to HARD reset the tnc. Packterm may be a very
> >basic program but it doesn't give me fits like the other ones I try. I
> >actually like it. I fear I now have to hard reset the tnc (Again) and it's
> >a pain to have to reset all my settings. Is there away around this? Why
> >does these other program screw around with the tnc settings to begin with?

The production version of KaGOLD is a very excellent, user-friendly, etc. etc. etc. product. The testdrive version sucks, however. It has not been updated for years. In addition, it performs all sorts of reconfigurations on your TNC that it does not bother to undo when the 30 minutes is up. Even if you LOVE the testdrive (which I doubt, but you never know), it is unlikely that you will call Interflex up and have a working version of the software in a few minutes, so you may want to use your old software a bit more.

My advice to people who are interested in KaGOLD is to STAY AWAY from the testdrive version and go visit someone who is using the real thing to see all that it can do. The testdrive has probably lost Interflex more customers than it has gained them.

-Greg

--
"A ship is safe in a harbor, but that's not what a ship is for" -- unknown
Gregory R. LaBorde - KD6MSM | Internet: laborde@kd6msm.jpl.nasa.gov
Jet Propulsion Laboratory | AMPRNet : kd6msm@jpl-gw.w6vio.ampr.org
Systems Engineering - Galileo OET | Packet : KD6MSM@W6VIO.#SOCA.CA.USA.NA
M/S 264-805 4800 Oak Grove Drive | Phone : (818) 393-1107
Pasadena, CA 91109 |

760. Re: ***Ham WEB page For all people to use! Give it a TRY***

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: Vance Campbell <vcampbell@novell.com>
Message-ID: <30fbc721.0@news.provo.novell.com>
Source record: 207179
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.packet,rec.radio.amateur.policy,rec.radio.amateur.space

David Mclean <dmclean@dfw.net> wrote:
>Hello to all:
>
> Come a take a look at my new web page. I have been working on it for
>the last 4 weeks.

<snip>

What's the URL?

761. Yaesu FRG 7700 info?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: Dave Campbell <campy@falcon.cc.ukans.edu>
Message-ID: <1996Jan16.212809.112037@kuhub.cc.ukans.edu>
Source record: 207180

I might be getting a used Yaesu FRG 7700 as my base SW unit. It's beign offered for $275, is this a fair price? Also, is this a fair radio? I'd like to use it with a TNC to recieve FAX and RTTY. Sound good?

Any comments appreciated!

Dave

+===+
|Dave Campbell (913)832-0980 Home |
|213 Woogate Place (913)681-6950 KC Home |
|Lawrence, Kansas 66049 (913)681-6951 Fax |
| Freelance Graphic artist for hire! (816)870-9673 Pager |
+---+
| http://falcon.cc.ukans.edu/~campy <--<<< Go on, check it out! |
+---+
|"Bow down before the one you serve, GO |
| you're going to get what you deserve" NIN HAWKS! |
+===+

762. Sony SW1S for sale!!! (or trade?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: Dave Campbell <campy@falcon.cc.ukans.edu>
Message-ID: <1996Jan16.213837.112039@kuhub.cc.ukans.edu>
Source record: 207181

I have a Sony SW1S in perfect condition with all accesories and manuals
and the neat case. I'm upgrading to a base SW rig, so I don't need this
one any more. I'm asking $200 or best offer, or a reasonable trade.
Here's the info on the radio:

Sony ICF-SW1S
-150-29995kHz AM
-76-108 MHz FM
-10 Memories
-Slightly larger than a casset tape case
-Antenna controller module
-Active antenna
-World power adaptor
-Deluxe hard carrying case for entire system
-'Turbo' headphones
-All manuals and Freq guide
-Carrying straps

This is a fine radio that has great sensitivity and is extremely
portable. You could easily take it with you wherever you go for whatever
reason necesarry. It's an easy decision to take this radio with you on
trips, because the carrying case holds everything very securely, and it's
all so small!

Dave

+===+
|Dave Campbell (913)832-0980 Home |
|213 Woogate Place (913)681-6950 KC Home |
|Lawrence, Kansas 66049 (913)681-6951 Fax |
| Freelance Graphic artist for hire! (816)870-9673 Pager |
+---+
| http://falcon.cc.ukans.edu/~campy <--<<< Go on, check it out! |
+---+
|"Bow down before the one you serve, GO |
| you're going to get what you deserve" NIN HAWKS! |
+===+

763. Re: ***Ham WEB page For all people to use! Give it a TRY***

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: Gary Watts <gwatts@qni.com>
Message-ID: <Pine.SOL.3.91.960116230442.16439C-100000@qni.com>
Source record: 207182
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.packet,rec.radio.amateur.policy,rec.radio.amateur.space

Ahh that was pretty easy to find the URL

try www.dfw.net/~dmclean

It worked for me

Too bad we can't replace morse code for questions like this !

Gary Watts de N0OXV
Kansas City Mo
81 GL1100I

On 16 Jan 1996, Vance Campbell wrote:

> David Mclean <dmclean@dfw.net> wrote:
> >Hello to all:
> >
> > Come a take a look at my new web page. I have been working on it for
> >the last 4 weeks.
>
> <snip>
>
> What's the URL?
>
>
>

764. Looking for 440 RPTR 4 Public Service

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: morgan hoaglin <hoaglin@primenet.com>
Message-ID: <4di5lt$n8c@nnrp1.news.primenet.com>
Source record: 207183

Hello, name is Morgan Hoaglin
I am looking for a working 440 Repeater for our local
Red Cross Chapter to put up. I have cans and a assigned frequency pair.
This is for a good cause...you see...
What we have in mind is to use "cross band rpt" capable mobiles...
like kenwood 731... in the field so we can use 2m portables on low power
and crossband rpt back to chapter into our 440 rptr with our disigned
short squelch tail for quicker tx to rx delay.
tnx...de WW7B

morganhoag@aol.com or

hoaglin@primenet.com

p.s. we can do a thank you letter from our chapter which depending
on what your tax man says, might mean a deduction.

765. Re: Who the h#$% is Bill Cheek?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: landisj@nad.com
Message-ID: <1996Jan16.122258.434@nad.com>
Source record: 207184

In article <011496211248Rnf0.79b6@ham.island.net>, rs@ham.island.net (Robert Smits) writes:
> For the past several weeks I've seen a seemingly neverending flame war
> about somebody called Bill Cheeks. Who the heck is he and why are you
> Americans sending this flame war about him all around the world?
>
> Puzzled.

You are not the only one...
Joe - AA3GN
--
Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
landisj@nad.com ..speaking only for myself, of course..

766. Ten Tec ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: hoff@america.com
Message-ID: <4dgbgt$d2g@defiant.america.com>
Source record: 207185

Never seem to see a post on the Ten Tec Omni. How do they compare with other rigs in the same price class? Are they as good as the adds say?

Thanks Conrad hoff@america.com

767. Part needed for Zenith Transoceanic

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: mbest@richmond.infi.net
Message-ID: <4dgs7j$lts@news.infi.net>
Source record: 207186

Part # 95-1567, interstage audio transformer needed for Zenith Transoceanic Royal 1000. If you know where I might find this part please email at mbest@richmond.infi.net. Thank you in advance for your help.

768. Output power of HTX-404

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: dddavis@atl.mindspring.com
Message-ID: <4df2g2$1h5g@stealth.mindspring.com>
Source record: 207226

what is the output power of the RS HTX-404 UHF HT when supplied with 12 V DC? Thanks for any help.

regards, Don (KE4KYO)

769. Re: Modutec AC panel freq meter - available?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: acj@ultranet.com
Message-ID: <acj-1501962242020001@amber1.ultranet.com>
Source record: 207227
Cross-posted to: alt.engineering.electrical,sci.electronics.components,sci.electronics.equipment,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

In article <4ddq22$123k@sol.caps.maine.edu>, salomon@saturn.caps.maine.edu (Will Salomon) wrote:

> I am looking for a panel meter for measuring AC line frequency for a
> generator.

Will:

Shurite makes them. A recent H+R Rademan (1-800-848-8001) catalog lists two models with 55-65 hz range: S3-212 (2 1/2", $69.00), and S3-213 (3 1/2", $79.00).

Cheers,

Jon

770. ***Ham WEB page For all people to use! Give it a TRY***

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: David Mclean <dmclean@dfw.net>
Message-ID: <4df36s$3lt@fnord.dfw.net>
Source record: 207228
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.packet,rec.radio.amateur.policy,rec.radio.amateur.space

Hello to all:

Come a take a look at my new web page. I have been working on it for the last 4 weeks. I have lots of thing that you will like. Some of the things that I have are: MODs, Swap Shop, Dfw repeter list, comment page, links to other good ham pages, call looks ups (updated by the sec), radio pricing, Links to QRZ,FCC,HRO, and many more. If you are a ham and would like you web page added to my list just send me e-mail. Please tell me what you like and dislike about the page. I want all types of comments. Hope you like what I have.

--
David Mclean
From The World of Hamradio
KC5NNV is Clear!

---

771. Re: IC 820H extnd rcv. MOD ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: 3348006@mcimail.com
Message-ID: <4dg9b6$r7h@news.internetmci.com>
Source record: 207229

Yes Carl, I have this Mod and it should be on the Amsat home page. If
you cant find it e-mail me at 334-8006@mcimail.com and I can fax it to
you .
Russell

cnord@mail.snet.net (Carl H Nord) wrote:

>Anybody have the mod to extend the rcv for this great radio ?

772. recomendations for dual-band HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: walter@physics7.berkeley.edu
Message-ID: <4depsu$q9h@agate.berkeley.edu>
Source record: 207230

I'm looking into buying two HT's for myself and my wife.
We're interested in dual band (144/440) HT's small enough
to carry around all day in a purse or backpack. We're
getting some gift certificates to help out, so will buy
new equipment. However, I've been out of the ham scene
for awhile, so I'm not up on all the latest gadgets HT's
have nowadays.

So I'm looking for any advice -- especially about companies,
which are good, which are bad. Also any comments on specific
radios people like/dislike, and what extras are really handy,
and which just add weight. Thanks for any comments!

--
That bird was my bird -- __
or some vile copy. {^^} Walter Stockwell
\ \ walter@physics.berkeley.edu
{ -}

773. Is there a MOD for TR7850 Kenwood 2m radio?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: Rahul Patel <RAHUL_PATEL@hp-usa-om14.om.hp.com>
Message-ID: <4desj8$jrl@hpuerci.atl.hp.com>
Source record: 207231

If anyone knows of any mods for my 9 yyear old Kenwood TR7850 2m radio, please send me an e-mail
at the above address. I would greatly appreciate it. Thanks in advance.

73,

Rahul - N4RWZ

774. Is there a MOD for TR7850 Kenwood 2m radio?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: Rahul Patel <RAHUL_PATEL@hp-usa-om14.om.hp.com>
Message-ID: <4desjk$jrl@hpuerci.atl.hp.com>
Source record: 207232

If anyone knows of any mods for my 9 yyear old Kenwood TR7850 2m radio, please send me an e-mail
at the above address. I would greatly appreciate it. Thanks in advance.

73,

Rahul - N4RWZ

775. Wanted TNC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: george@sky.net
Message-ID: <4dgbbp$if0@alpha.sky.net>
Source record: 207233

Hello There.

I would like to buy a tnc.vhf 1200 baud.Any brand.Please reply to george@sky.net

776. 440 MHz handheld

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: hendrick@peak.org
Message-ID: <4df2k9$npn@odo.PEAK.ORG>
Source record: 207234

440 MHz Realistic handheld amateur radio transciever w/ Ni-Cd battery and recharger, new last summer and not used very much -- asking $125

Mike, WB7BMY, (541) 917-0004 Albany OR

777. Re: Attenuator for 10W to 5mw

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan16.184347.22285@ke4zv.atl.ga.us>
Source record: 207235

In article <4de907$chm@news.global1.net> jagg@globalone.net writes:
>can some one please help me with a circuit to build a
>an attenuator from 10W to 5 mw on 28mhz?. I am planning
>to drive a 435 mhz transverter with a 28 mhz rig on ssb and CW.
>I can pay for photo-copying, postage and other reasonable
>expenses. AA2LJ

You need a 33 db Tee pad. A Tee pad looks like this:

```
R1 R1
IN ----/\/\/\/\-----x-----/\/\/\/\----- OUT
|
/
\ R2
/
|
-----
---
-
```

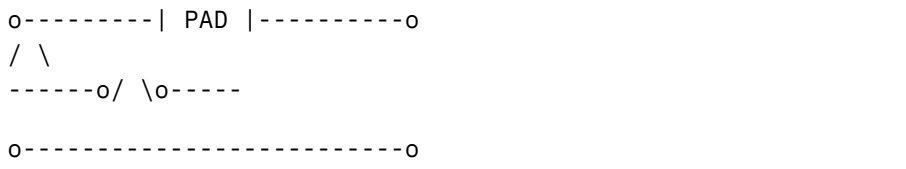
The R1 values will be approximately 47 ohms, and the R2 value
will be approximately 3 ohms. The R1 on the input side will
dissipate most of the power, so it should be rated at least
10 watts. R2 can be a 2 watt resistor, and the R1 at the output
can be a 1/2 watt unit.

All three resistors must be non-inductive. That's a problem
for the 10 watt resistor since most resistors you'll find
in that wattage will be wire wound units. That won't work,
you need carbon resistors. So you can parallel a bunch of
smaller resistors (10 470 ohm 1 watt units) to get the desired
value and wattage.

Make all lead lengths as short as you can, and put a shield
between the junction point and the output R1 to prevent leakage.
A good way to make the input R1 is to take two small pieces of
circuit board, drill 10 holes in each in a circle, sandwich
the resistors between the two boards so that they fit right
down against the resistor bodies, and solder. Leave one resistor
lead on each end sticking out to make the connections to the
input connector and to the junction point. Put the whole pad
in a small metal box with connectors on each end.

If your transverter and radio don't have split transmit and
receive ports, you'll also need a double pole double throw
switch or relay to bypass the pad during receive. It'll look

like this:



(Shown with the pad switched in) If you use a relay, you can
arrange to drive it with the external amplifier keying signal
from your transceiver. If you use a switch, don't forget to
switch the pad in before transmitting!!!

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

778. INFO WANTED ON SVETLANDIA (RUSSIAN) 572Bs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: gary <design@thereporter.com>
Message-ID: <4df5a2$qlo@miwok.nbn.com>
Source record: 207236

Anyone out there had any first hand, preferably long term experience with the Russian 572 finals (yeah, I KNOW they haven't been out very long, but do your best...) My first visual inspection of these left me quite dubious of their potential, but then my wife said the same thing about me, and look how well I turned out...
Anyway would appreciate feedback from anyone having first hand info.

73, KJ6Q.

--
Gary.... *** I AM THE NRA! ***

"ONLY IN AMERICA: Veterans in shacks... a draft dodger in the White House!"

"I love my country... it's my government that disgusts me."

779. Mutli-bands Radio receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: S926862@cuhk.hk
Message-ID: <4df8j7$22s@hpg30a.csc.cuhk.hk>
Source record: 207237

Is the multi-bands radio receiver able to receive any radio frequency(radio program) all over the world(e.g in Asia receive UK radio program)? Provided that the receiver is sensitive enough.
Maybe it's a silly question. But I really don't know it. Anyone can help.

Martin
CUHK

p.s. please mail me personally 'cos I don't check this group often ,Thanks.

780. Re: Standard C508A and Alinco580 cpu hooked to ear/mic jack Why?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: Peter Shintani <shintani@tv.sony.co.jp>
Message-ID: <4dfjre$ghf@oskgw.osk.sony.co.jp>
Source record: 207238

some times a connection is provided to allow for wired cloning.

781. Re: Ear Microphone

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: james-m@ix.netcom.com
Message-ID: <4dfmij$2jf@ixnews7.ix.netcom.com>
Source record: 207239

In article <4dbb1n$dns@news.socketis.net>, jmleveron@socketis.net says...

>>Also if you you could tell me who manufactures the earpiece
>>I'd like to end up geting one for my HT as well.
>
>Please post it here if you would! J.
>
CT221 EARTALK $39.95
Electro Automatic Corporation
508-687-6411 or 508-687-6493fax

copied this info from page 190 of December 95 QST
hope this helps

Don
AE4BR

782. Kenwood TH-45 ????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: railnut@ix.netcom.com
Message-ID: <4dfe2l$1ll@cloner3.netcom.com>
Source record: 207240

Hi,

Our radio group received a donation of a Kenwood TH-45 430 Mhz rig.
It seems to work great from 430 to 439.975. It seems to be set up for
Japan. Does anyone know of a way to make this rig work in the US range
from 440 to 449.995??? It also seems to have the wrong freq steps, it
only goes in 20 Khz steps.

Thank you for your help.

Earl Grad
KA7WFU
San Diego, CA
railnut@ix.netcom.com

783. Rx and Tx Mods for Alinco DJ-G5T Dual-Band Handheld???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: Morgan10@ix.netcom.com
Message-ID: <30faff1e.13825418@nntp.ix.netcom.com>
Source record: 207241

Are there any???

784. Restoring HQ-129-X

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: cfb@novum.com
Message-ID: <DL8LCy.CL8.0.server@indra.com>
Source record: 207242

I'm thinking about restoring this BA to full glory, and am looking for any and all pointers and tips. Any key articles on this box would also be great, and I'm happy to pay for copying and postage.

I'm also interested in finding the best sources of parts, tubes and components for Hammarlund gear. All help will be appreciated!

Charles F. Bacon
cfb@novum.com

785. ALS-600 AMERITRON - Your opinion abt the amp ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: bo.sall@mbox2.swipnet.se
Message-ID: <4dh40u$l8c@mn5.swip.net>
Source record: 207243

I would like to hear your opinion about the Ameritron solid state amp.

73 / Bo Sall / SM7CKZ

786. RE: CAP and MARS???????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4dg8os$i7q@mksrv1.dseg.ti.com>
Source record: 207244

(snip)
>Military Afiliate Recreation Station (that's close anyway)
(snip)

FYI ---> MARS = Military Affiliated Radio Service.

787. Re: Bendix/King hand-unit programming

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: Brian Kitaoka <bk104@hgea.org>
Message-ID: <4df8bh$o05@hgea01.hgea.org>
Source record: 207245

If you need to program on the fly, you might want to consider the programming plug. If you have any problem obtaining the cable or plug, e-mail me.

I have sold my State Gov. , the cable, plug & software.

73's

788. Battery Case for ICOM P2AT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: palmer@blade.wcc.govt.nz
Message-ID: <4dh6oh$8mq@golem.wcc.govt.nz>
Source record: 207246

Im looking for a battery case holder BP110 for my Icom P2AT

Can anyone give me an EMAIL address of a supplier?

Ta


```
--------------------------------------------------------------------------------
/-/-/-/-/ | From John M Palmer
/-/-/-/-/ /---/---/ EMAIL PALMER@BLADE.WCC.GOVT.NZ
| x |
/--/--/ x /---/---/ QTH Newlands, Wellington
x . --x-- x NEW ZEALAND
x | x x Maidenhead Location RE78JF
x | __x x Call sign ZL2WJP (New Zealand)
x_______|_______||x x
/ ||x\ / \
/-----------------/||x \ /___ ___\
| [ ] [ ] ### [ ]| ||x | || | | ||
| ### | ||x | || | | ||
--------------------------------------------------------------------------------
```

789. Re: Alinco dj-580

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: koliver@linozz.win-uk.net
Message-ID: <145@linozz.win-uk.net>
Source record: 207247
Cross-posted to: rec.radio.amateur.equipment,uk.radio.amateur,rec.radio.amateur.misc

Andy
I had the same fault about two years ago it turned out to be a
problem with the switching circuit that controls the band change
over, Mine was fixed by Walters & Stanton took,about 2 weeks I don't
know if it's a regular fault but it was fine afterwards,
Regards
Ken Oliver G4SLG@GB7DTX

In article
<4ddpa0$27h@ccsp-22.brunel.ac.uk>, Andrew John Murrell
(ee95ajm@brunel.ac.uk) writes: >
>Hi,
>
>I've got a alinco dj-580 handheld that appears to be playing up.
>When i turn it on it works ok for a few seconds, then it seems to go deaf on
>2, and not transmit on 70 (but still tx's on 2, and rx's on 70). I have noticed
>that when it is acting up, and you tx on 70 (or at least try to :-)), the on airlight
flashes.
>
>has anyone got any ideas what wrong?
>
>andy, g7ueh
>
>email - ee95ajm@brunel.ac.uk
>www - http://http2.brunel.ac.uk:8080/~ee95ajm
>bbs (ax25) - g7ueh@gb7bst (or at least it will be in & when i get
> the radio working :))
>

...Your deeds will follow you through life like shadows....

790. Re: Standard C508A and Alinco580 cpu hooked to ear/mic jack Why?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: Peter Shintani <shintani@tv.sony.co.jp>
Message-ID: <4dfjru$ghf@oskgw.osk.sony.co.jp>
Source record: 207248

some times a connection is provided to allow for wired cloning and or
programming of the memories.

791. wanted home weather station for APRS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: james-m@ix.netcom.com
Message-ID: <4dfmp3$2jf@ixnews7.ix.netcom.com>
Source record: 207249

Hello and thanks for reading this..

I am in the market for a good used home weather station that I can hook into
APRS. I would like to get the ultimeter II weather station with the optional
rain gauge add on. If you know of anyone that may have one of thes units that
they are willing to part with, please have them contact me via here or Email..
If you have had any experience good/bad with these units, also let me know..

Thanks
Don
AE4BR

792. FS: Commodore 64 system

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: "Donald Harter Jr." <dhart@grfn.org>
Message-ID: <Pine.SOL.3.91.960116100428.11758E-100000@freenet>
Source record: 207250

I have the following for sale as a package. I am looking for the best offer.
1 c64c in excellent condition
1 c64 without a power supply. I have the broken old one with connectors.
2 1541 disk drives
1 1200 baud modem
2 joysticks
misc software including geos and games

Donald Harter Jr. N8BOC

793. Re: ***Ham WEB page For all people to use! Give it a TRY***

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: John Passaneau <jep@leps.phys.psu.edu>
Message-ID: <30FC38F4.2EEC@leps.phys.psu.edu>
Source record: 207251
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.packet,rec.radio.amateur.policy,rec.radio.amateur.space

David Mclean wrote:
>
> Hello to all:
>
> Come a take a look at my new web page. I have been working on it for
> the last 4 weeks. I have lots of thing that you will like. Some of the
> things that I have are: MODs, Swap Shop, Dfw repeter list, comment page,
> links to other good ham pages, call looks ups (updated by the sec), radio
> pricing, Links to QRZ,FCC,HRO, and many more. If you are a ham and would
> like you web page added to my list just send me e-mail. Please tell me
> what you like and dislike about the page. I want all types of comments.
> Hope you like what I have.
>
> --
> David Mclean
> From The World of Hamradio
> KC5NNV is Clear!
> _____>

It might have been nice to put the address in the message.
John Passaneau, WB8EIY, State College Pa.

794. Re: Wanted: Info on 10 GHz equip:

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: "Donald Harter Jr." <dhart@grfn.org>
Message-ID: <Pine.SOL.3.91.960116100951.11758G-100000@freenet>
Source record: 207252

The ARRL manuals have projects with Gunn diode 10ghz tranceivers. FArr
circuits may even have a printed circuit board. I don't remeber the
exact data rate, but it is greater than 1Mbit/s.
Donald Harter Jr.

On Sun, 14 Jan 1996, Timothy E. Connolly wrote:

> Hello, a visiting ham from Texas described to me how they are setting
> up high speed (10mbit+/sec) links using 10 GHz transceivers. He told me
> I could even use a grocery store-door opener as the transceiver. I
> picked up 3 txers at a hamfeast (Uniontown, PA) for $10. I assume I
> need to build a pair of parabolic dishes to spec.
> Is there a possibility of mixing a 1.5Mbit/sec sine wave onto the
> RF signal?
>
> ANY info would be of great value. Thanks - Tim
>
> --
> -- Timothy E. Connolly Amateur Radio Callsign KB8EHT (since 1988) http://www.arrl.org
> -- Internet Address: kb8eht@access.mountain.net Home Page http://wvnvm.wvnet.edu/~u5dd8
> -- AMPR Net kb8eht@w8sp.wv.usa.noam (Amateur Radio Packet Network)
> -- Online resume: http://wvnvm.wvnet.edu/~u5dd8/resume.html
> -- Looking for small programming jobs. JAVA/HTML/CGI, Unix/Linux, C++, QBASIC, PERL, etc.
> --
>
>

795. Fox Tango Info

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: jstroppe@uhl.uiowa.edu
Message-ID: <4dgf6e$c4a@flood.weeg.uiowa.edu>
Source record: 207253

Need some info for improving the reception of an OLD FT 101
Thanks

John WA0VYZ

--
John Stroppel | Internet: jstroppe@uhl.uiowa.edu
The University of Iowa - Hygienic Lab | Amateur Radio: WA0VYZ
Oakdale Research Campus, OH-M7A | Voice: (319) 335-4500
Iowa City, IA 52242 | Fax: (319) 335-4555

796. Choosing Amplifier ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-16 00:00:00 UTC
From: l38217@alfa.ist.utl.pt
Message-ID: <4dgpdp$8oq@ci.ist.utl.pt>
Source record: 207254

Hello

I am planning to buy my first HF linear amplifier.
I've seen two advertisements that have cought my
atention. One is about an Heath SB-230 (uses a
8873 - 1kW PEP), the other is a Collins 30L1 (uses
four 811 - 1kW PEP).
Both satisfy me concerning output power and
dimensions (must use a desktop linear).
I wonder if anyone has already experienced both
so it can guive me an advice choosing between one
or the other.

73 + good DX

ps: I am very found of contests, so the linear must
hang on well during long time operation.

--

Pedro Pedroso	
l38217@alfa.ist.utl.pt	CT1ELP
Eng. Electrotecnica e Comp.	Founder member of GPDX
(Telecomunicacoes e electronica)
---

797. More Technical questions (rptrs)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: mattstr@primenet.com
Message-ID: <4dkf1d$qe4@nnrp1.news.primenet.com>
Source record: 207105

Hi everyone...I have a few questions, once again....First of all, how do
you remove the cover on a GE Master II, since there is no key lock on the one that
I have?? Do i pry it open with a screwdriver, or what??
Secondly, what is a good source of copper foil? i'm going to try to shield
the receiver with copper foil.....
And finally, on a different subject, which connector is the "Molex"
connector on the Motorola MICOR ? It is supposed to be a 9 pin
connector, but all that my MICOR has is a 20-something pin connector
under the lock bar...i need to locate this MOLEX connector...help!

--
---
mattstr __ __ ____ ___ ___ ____
mattstr@primenet.com /__)/__) / / / / /_ /\ / /_ /
/ / \ / / / / /__ / \/ /___
/---

798. Re: Ten Tec ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: "Gregory J. Buhyoff" <buhyoff@vt.edu>
Message-ID: <4djc42$619@solaris.cc.vt.edu>
Source record: 207106

If you are looking for a top-drawer receiver, superb CW capability, excellent receive audio, unsurpassed QSK, and the very best ergonomics I personally have ever experienced in a modern generation top-of-the-line rig then the OMNI VI fits the bill.

Greg KN4FR

799. R390A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: doowah@indirect.com
Message-ID: <doowah.6.004748C0@indirect.com>
Source record: 207107

I'm buying a refurbished R390A drom Miltronix in Ohio. Any comments, suggestions, etc are eagerly anticipated. My main interests are shortwave monitoring, especially utility DX. Comments from R390A owners regarding the performance of the unit, operational tips, and antenna suggestions are appreciated. Just about any info at all on this unit would make my day.

Please make replies via Email only.

Thanks, folks....

Rodney

800. WTB: Kenwood MC-85 Mic

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: Paul Norder <norder@scan.mc.xerox.com>
Message-ID: <NEWTNews.821892302.17431.norder@stockholm.scan.mc.xerox.com>
Source record: 207108

WTB: Kenwood MC-85 mic, in good condition, new or used.

Please include asking price in first message.

73 de KG2EP (Paul)

801. FS: BC2500XLT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: os2@tir.com
Message-ID: <4diqj1$16k@ramp2.tir.com>
Source record: 207109

I have a BC2500XLT in Excelent condition. It has never been used outside the house. All known MODs have been applied.

All original packing materials and box are present along with accessories:
Antenna, Charger, Leather Carrying case, Belt Clip, Operating guide and Registration form.

The features include:
100 channel/second Turbo Scan
VFO Control
Direct Keypad entry
400 channels
20 banks
25MHz - 1.3GHz
10 Priority channels
Auto Scan for Weather channels
Auto Store while scanning
Auto Sort
Retains programming with battery removed.

Asking $300.00 I'll pay shipping.

-| Jason Gottschalk OS2@TIR.COM
-| SYO Computer Engineering
-| OS/2 Warp - Computing circles around Windows95

802. CAP and MARS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: artburke@solar.sky.net
Message-ID: <4dj1h5$rjh@alpha.sky.net>
Source record: 207110

You do not have to be active military (or reserve) to participate in MARS. Several of the military branches (ARMY, USAF, etc) have their own MARS groups. The key, as stated previously in this thread, is that the CAP and MARS groups operate in frequencies outside of the amateur bands, but usually near the band edges, hence the greater likelihood of amateur equipment capability of these operating frequencies. I served in the USAF for almost ten years and never had anything to do with MARS. Several years after I was discharged I became a ham and, through some friends, got involved in Army MARS in Florida. It's interesting. I'll leave it at that!

Art Burke
Lenexa, KS
NE4F/WPE0FOJ

803. NEED TNC FOR CLUSTER

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: n9mxt1@aol.com
Message-ID: <4dj2cr$6ql@newsbf02.news.aol.com>
Source record: 207111

Hello,
I am going to be running a DX/CLUSTER node over here and I am
going to be needing another TNC. So, I was told that I should
use a TNC-2 type TNC. So, is there anyone out there who owns
one of these TNC's and would be willing to sell it??

Please let me know A.S.A.P. if you have this type TNC.
Or if you run a DX/CLUSTER Node and what TNC type you
are using.

Thanks,
N9MXT1 - Jeffrey

N9MXT - Jeffrey

804. Re: DSP IF freq of the TS-870?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: toshio torii <cqdx@can.bekkoame.or.jp>
Message-ID: <30FC27CF.6BA3@can.bekkoame.or.jp>
Source record: 207112

>What is the operating DSP IF frequency of the Kenwood TS-870?

>WB7ASR...

If you mean input frequency of ADC, it is 11.30859375kHz.

Toshi Torii JM6KGV exJA6QXW

805. Re: recomendations for dual-band HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: bjones@aramco.com
Message-ID: <NEWTNews.821900365.10993.bjones@bjones.aramco.com>
Source record: 207113

In article <4depsu$q9h@agate.berkeley.edu>,
<walter@physics7.berkeley.edu> writes:
> Path:
From: walter@physics7.berkeley.edu (Walter K. Stockwell)
> I'm looking into buying two HT's for myself and my wife.
> We're interested in dual band (144/440) HT's small enough
> to carry around all day in a purse or backpack. We're
> getting some gift certificates to help out, so will buy
> new equipment. However, I've been out of the ham scene
> for awhile, so I'm not up on all the latest gadgets HT's
> have nowadays.
>
> So I'm looking for any advice -- especially about companies,
> which are good, which are bad. Also any comments on specific
> radios people like/dislike, and what extras are really handy,
> and which just add weight. Thanks for any comments!
>
I like my Yaesu Ft-51R. It's small and it can be programmed via MS
Windows software. Mine has dropped on nice hard concrete at least once
and it still works fine (Don't worry, it's not for sale!) Two 51R's can
be cloned or you can keep a separate file for each radio. I plan on
buying my XYL one as soon as I have the $$$.

73 de KC5EVD
Billy R. Jones

806. Th48E

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: acer001@pn.itnet.it
Message-ID: <4dj1ud$dg4@alpha.it.net>
Source record: 207114

Hi all,
I'm Adamo, Ik1sbb and I would like to know if there is any mod.
aviable for my TH48E. Any help will make me very happy.
The reply via E-mail will be to my friend Roberto which is also I1NXX.
73s de Adamo.

807. MFJ-815 help needed!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: pk75978@ee.tut.fi
Message-ID: <4dihfa$60t@sievert.ee.tut.fi>
Source record: 207115

Hello!

I have an old MFJ-815 SWR/Power-meter with some blown
resistors inside. Can't identify their value anymore,
so I need help from someone who owns similar or has
some papers of such equipment.

If you are able to help me, pse send me a mail and I'll
let you know where the resistors are located.

Note: MFJ-815B is different one, not compatible.

TNX in advance!

Pete
oh3mep
pk75978@ee.tut.fi

808. 2 Meter Converter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: aga@mandalay.corp.sun.com
Message-ID: <4djeb2$noe@jethro.Corp.Sun.COM>
Source record: 207116

I'm planning on building an OSCAR Ground station, bit by bit, starting with a solid 2 meter receive setup, using my HF SSB Transceiver as a tunable IF. What would be a good 2 meter converter? Hamtronics, perhaps ten-tec or homebrew? Any weak signal 2 meter people out there have a preference? Also will eventually need a 432 mhz uplink transverter and amp.

TIA

Tony WA6LZH

809. -WANTED- kenwood. th-22at (2 meter)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: jrossi@alpha.psd.k12.co.us
Message-ID: <4djjku$gef@alpha.psd.k12.co.us>
Source record: 207117

Wanted a th-22at for a small price.. as long as it works.

jason rossi
hopeing to get a ham radio licences soon.
p.s. write back soon.....

810. RTTY SSTV

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: ashtabula2@aol.com
Message-ID: <4djk22$dus@newsbf02.news.aol.com>
Source record: 207118

Hello Everyone,

I am currently looking for a piece of software that will permit me to translate RTTY via my sounblaster card, OR a simple to build RS232 interface.

Any help in this matter would be GREATLY APPRECIATED!

73's
JEFF

811. Announce: New RF Design sw for Windows

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: Jon Jenkins <academic@onthenet.com.au>
Message-ID: <4djn61$rqp@diablo.OntheNet.com.au>
Source record: 207119

RF: The Analog Analysis Program

by Academic Technologies

RF is a new inexpensive circuit simulation sw package for
Windows, Windows 95 and Windows NT. It is primarily
intended for Radio Frequency design but is applicable
to all frequencies.

Come and have a look, visit out Web site at:

http://www.onthenet.com.au/~academic/Welcome.htm

or download the readme.txt and rfdemo.zip demo
version from:

ftp.onthenet.com.au in /pub/acdemic/

or mail us at:

academic@onthenet.com.au

Briefly RF has the following functions:

Tools
Convert between S,Y,Z and ABCD two port parameters
Design Butterworth and Chebichev Filters
Design and analyse coil and wire inductors
Sophisticated Microstrip design and analysis
Design parallel, series resonators and LC filters
Complex/Polar calculator

Compnents
Capacitors (includes parasitics)
Resistors (includes parasitics)
Inductors (Q included)
Curve fitted S parameter devices and whole circuits (fit types:
rational, polynomial, spline, ls, linear)
OpAmps
Transmission Lines (ideal and lossy, open and shorted)
Transformers (ideal and non ideal, leakage inductances and resistances)
FETS (all parasitics)
Tapped Inductors (Q and parasitics)
Beta controlled current sources (all parasitics)
VCCS
Mutual inductors (all parasitics)
Source and Loads
DC source

Analysis Facilities
Swept frequency (Full and Nodal)
Single frequency component tolerance
Swept frequency component tolerance
DC bias point analysis
Pulse analysis (Fourier simulated)

Text Output
Transducer gain
Linvil c stability
Stern k stability
Input impedance
Output impedance
Input admittance
Output admittance
Voltage gain
S11, S12, S21, S22 S parameters
Input reflection coefficient
Output reflection coefficient
Maximum transducer gain possible
Source admittance/impedance to obtain Gtmax
Load admittance/impedance to obtain Gtmax

Graphical Output
Voltage Gain
Transducer gain
Input impedance
Output impedance
S11, S12, S21, S22 S parameters
Input reflection coefficient
Output reflection coefficient
Pulse time trace
Multiple "tagged" plots
Autoscaling or manual scale
Auto cursor tracking (warps to and displays the nearest
points) or absolute
Points or line traces

Name: Academic Technologies Bongaree Rd,
Voice/Fax: 61-7-55-905-008/013 Terranora,
Inet: academic@onthenet.com.au NSW, AUSTRALIA 2486
---

812. Re: S-Com 7K

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: dbwillia@uci.edu
Message-ID: <4djtmd$lbm@news.service.uci.edu>
Source record: 207120

In article <4decoo$mls@comet.connix.com>, hcbacon@connix.com says...

>I just bought an S-Com 7K controller for my repeater..
>DTMF keypad'n is giving me mushroom fingers.. is there a
>shareware/free ware program way for programing this puppy?

Don't forget, you can set up macros to program the changes that
you like to make routinely.

Also, S-com sends info on various products to use over the phone
lines. If shareware or freeware is available, I'd also like to
know.

Brian N6ZAU

813. IC-706 Service Manuals are HERE!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan17.202235.28050@ke4zv.atl.ga.us>
Source record: 207121

Look out, we're dangerous now! The IC-706 service manual just arrived. Now I know why the yellow wire mod works. But I also know it's the wrong way to fix the receive deafness problem above 2 meters. When the B8W signal goes active (yellow wire), the 2 meter BP filter is switched out, and *two* other filters are switched in, a high pass and a low pass. The high pass corner frequency is around 41 MHz, but the low pass corner is *not* around 200 MHz. It is much lower, around 130 MHz, so no wonder the rig is deaf as a post above 148 MHz. We need to change a couple of component values to move the LP corner up around 200 MHz and we'll have full coverage. I'm going to model the filters on the computer and we'll see what values we'll need. My first rough guess is that L40 and L49 need to have some turns removed. (I guess if you wanted to be crude you could just jumper them out.) These filters are on the PA board.

The radio uses high side injection for the LO to mix to the first IF at 69.0115 MHz. At 200 MHz, the LO is operating at 269.0115. At 149 MHz, the LO is at 218.0115 MHz. The problem comes when the LO is tuned for 61 to 143 MHz operation. At 143 MHz, the LO is at 212 MHz so that's Ok, the image is at 281 MHz. But down at 61 MHz the LO is at 130 MHz, and that isn't OK since the image will fall on 199 MHz, and that's the upper edge of VHF TV channel 11. We may want to sacrifice a bit of the upper coverage edge to give us some image protection from TV channels 11, 12, and 13 when we're tuning from 61 to 73 MHz.

The transmit power control is done by IC7 in conjunction with D/A converter IC35 pin 12, which is the POC reference from the microprocessor. IC7 drives Q39 which drives PIN diodes in the second IF to limit drive to the PAs. I suspect that'd have to be defeated to get transmit power up outside 2 meters, and that's a bad idea because the uP varies POC for VSWR foldback on HF. There is no foldback on VHF, the VHF finals are supposed to be tough enough to work with a bad load, but since power control is before both sets of finals, there's no way to split it. There are some new possibilities to explore with programming diodes, however. D57, D58, D59, D60, D72, D84, and D85 are the programming diodes. We already know what happens when we remove D59 and reset, but we don't know yet what the others do. They're labeled variously as USA only, Den only, Fra only, Eur only, etc. Somehow I expect that they're more restrictive than what we have now. Though if you're adventurous, you might play with D60 and D72 and see what they do.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

814. Re: Opinions on the TenTec Scout?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: chris robson <crobson@moose.erie.net>
Message-ID: <30FD6A3D.1CBB@moose.erie.net>
Source record: 207122

I didn't follow the threads on this topic, but being an owner of a Scout
I can honestly say the CW is superb and crisp, the receiver is as good
if not better than higher priced rigs on the market and it's only draw
back I have found as been the freq. read out and it's not as pretty as
some of the rigs on the market. I got "rid" of a Yeasu 840 to purchase
the Scout since the Scout had a better receiver, built-in keyer and the
"jones" filter worked better than the Yeasu crystal filter.
--

Chris Robson
The Robson Company
5560 Bear Creek Rd.
Fairview, Pa. 16415
Phone & Fax: 814-474-1211
E-Mail: crobson@moose.erie.net
Pager # 1-800-589-8206 access# 21991
Amateur Radio Call: KB3A
Packet E-mail: KB3A@WA3ZCA.NWPA.PA.USA

815. Re: Output power of HTX-404

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: lusgr@chili.CC.Lehigh.EDU
Message-ID: <4djmiq$1agl@fidoii.cc.lehigh.edu>
Source record: 207123

Don Davis (dddavis@atl.mindspring.com) wrote:
> what is the output power of the RS HTX-404 UHF HT when supplied with
> 12 V DC? Thanks for any help.
> regards, Don (KE4KYO)

According to specs on www.tandy.com:

RF Power Output:
7.2 VDC.....1.5 W
9 VDC.......2.5 W
>12 VDC.....5 W
Low Power.....0.5 W

Steve, N3WHW

Steve Roseman
Lehigh University Computing Center
lusgr@chili.CC.Lehigh.Edu

816. Wanted RC-10 Control head

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: g_bolthoff@ccgate.dp.beckman.com
Message-ID: <g_bolthoff.1.000DD39D@ccgate.dp.beckman.com>
Source record: 207124

Wanted: RC-10 control head / mic for the Kenwood TM 721-A

73
George KN6CO

817. Re: Vote here in Favor of Bill Cheek

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: buettner@bbn.com
Message-ID: <buettner-1701962030250001@howard-stern.bbn.com>
Source record: 207125
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.misc

Enough already! Will you two just grow up!

I don't give a flying @#%$ what your problems are with each other or with
the world for that matter.

I can't speak for everyone, but I am growing tired of you wasting the
bandwidth that others respect (not me mind you, but "others").

Take a hint from comments like: "The buffer on my server only lists back to a
few weeks... too many Cheek/Moss messages I guess !", and "maybe from having to
read too much Cheek/Moss diatribe." some of us are growing tired of your
childish banter.

When I try to read a follow up article on the Pro-26 I get verbal diaharea
(sp?) mixed in as is in the following example:

> >I need the cellular mods for The Radio Shack Pro-26 Hand Scanner if any are
> > available. Thanks.. Steve
>
Don't we all. The PRO-26 cannot be modified for cellular
reception, nor can any other scanner manufactured or imported
after April, 1994. There are a couple of roundabout exceptions,
but those require reprogramming the EEPROM. The PRO-26 is
not one of those.

Alas. 'Sniff.

Bill
tsmith@ici.net (Tim Smith) writes:

BC>Bottom line is that you have an axe to grind and we're going to
BC>get to the bottom of it. I can't imagine what, but your lack of
BC>candor and vicious attack is more than provocative.

I wish that you would at least have the courtesy to add something
descriptive to the subject line like, "BS added".

Bill, comments like:

>Bill Cheek you are doing yourself much more harm than good
>reputation wise by posting before regaining your temper. I
>have read your books and columns and in the past had some
>respect for you and your efforts. I too, have a temper, but
>your postings particularly with the challenges and foul language
>do little to shore up your public image. If the intent of your
>adversaries is to make you look bad you are helping them tenfold
>with your "defense". I know my respect for you has been diminished

>and I am sure the respect of others has also.

seem to be saying a lot. Tell ya what, if you ignore all responses along these threads and let it just fade away, I'll buy a copy of your book! Any one of them!

If you must do this in a NewsGroup, why not try soc.religion.christian or soc.religion.christian.bible-study. Those folks might be a bit more understanding and forgiving.

Sorry about wasting everyone else's time.

John

****
* "Arguing with an Engineer is like mud-wrestling a pig. Pretty *
* soon you realize the pig likes it" -author unknown *
* *
* Note: My comments are my own and do not reflect the views of *
* my employer or necessarily anyone else. *
****
This message is copyrighted. Distribution of this message by
Microsoft, its subsidiaries, or its software shall constitute a
violation of my copyrights. Microsoft may license copyrights to my
messages, for distribution only, for the sum of $1,000 US per day.

818. Re: Modutec AC panel freq meter - available?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: Tom Pfaffenbach <tvpfaffe@mail.delcoelect.com>
Message-ID: <4dj20e$fvb@kocrsv08.delcoelect.com>
Source record: 207126
Cross-posted to: alt.engineering.electrical,sci.electronics.components,sci.electronics.equipment,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

Fair Radio in Lima, Ohio, has surplus panel mount reed frequency meters. You can also use an
Automotive type tachometer, which essentially is a clipper/differentiator/rectifier/VM type of
frequency meter. 60 Hz is 1800 RPM on a 4 cylinder engine scale.
If you care to build your own, approximate circuit constants for 60Hz center scale on a 200ua
meter movement would require a 47K ohm series limiting resistor, an 8v zener diode clipper, a .3uf differentiating capacitor, a small bridge meter rectifier, and a 10K ohm calibrating rheostat to shunt the 200ua meter movement.
You can also use an ordinary synchronous motor clock by timing the second hand against your watch.

73

K9JDU

819. Re: ADI 2 meter radios. Who is ADI?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: Adi Doron <adi4z4vg@netvision.net.il>
Message-ID: <4djo87$fmr@news.NetVision.net.il>
Source record: 207127

I'M NOT RESPONSIBLE , HI

ADI DORON 4Z4VG

820. HELP NEED G8BPQ SOFTWARE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: n9mxt1@aol.com
Message-ID: <4dichl$s72@newsbf02.news.aol.com>
Source record: 207187

Hello,
I am setting up a new DX/CLUSTER node here.. and I need G8BPQ software
to run it.

So, does anyone have a copy of this software that I can get from
you?? I would be willing
to pay COD or send you a disk?

Without this software I can't get the program to work... so, please let
me know about obtaining a a copy of it from you.

Thanks,

N9MXT1 - Jeffrey
N9MXT - Jeffrey

821. Re: Advice wanted for improv. AM reception

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: radiomatt@aol.com
Message-ID: <4dit28$539@newsbf02.news.aol.com>
Source record: 207188

For my $75 or $100 I'd pickup a used Palomar or RadioWest directional loop antenna; as a second choice (for $30) I'd put up an outdoor antenna from Radio Shack.
Third choice requires a lot of real estate: take a 2000 foot long insulated wire, lay on the ground or 5-10 high stretched out in a straight line towarsds the stns you want to hear.
Used during WWII to pickup Topkyo stations from Hawaii, and German stations from England, the Beverage antennas (also called wave antennas)(no it has nothing to with getting drunk, though all BCB DXers imbibe a bit)(kidding!) have special characteristicsof extreme directionality. Recently a bunch of Beverage nuts went to Newfoundland, stretched out some Beverages and picked up AM stations from 100 countries, including India, South Africa, etc.
(of course you could stretch a 400 mile longwire right to the station!)

822. KENNEDY ASSASSINATION

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: richardc@slip.net
Message-ID: <4di329$rsl@news2.isp.net>
Source record: 207189

On November 22, 1963 Israel's Mossad collaborated with the CIA in the assassination of President John F. Kennedy because of JFK's behind-the-scenes efforts to stop Israel from building the nuclear bomb . . . Now, in an ironic turnabout, a long-time Mossad figure - Israeli Prime Minister Yitzhak Rabin - has died at the hands of an assassin . . .
The death of Rabin stems directly from the very crisis that began when - following JFK's assassination - Lyndon Johnson reversed JFK's Middle East policy and engulfed America in the treacherous quicksand of Israeli intrigue. . .
Find out the whole truth about the Mossad's role in the JFK assassination and you'll understand why American entanglement in the Middle East can only bring disaster . . .
Available at last . . . The all-new, updated, expanded, enriched third edition of Michael Collins Piper's blockbuster JFK assassination best-seller -
FINAL JUDGMENT
* An all-new index;
* Fifty additional pages (now 385 pages);
* Fully 69 additional footnotes; (grand total: 746)
* An all-new special "Who's Who in the JFK Assassination Conspiracy?";
* Fascinating new introductions by both the publisher and the author;
* An all-new appendix on Lee Harvey Oswald's little-known association with a notorious long-time BATF and FBI undercover informant.
* An all-new "postscript" revealing devastating details about the so-called "French connection" and yet another (never-before-publicized) murder of a material witness;
* Plus lots more . . .
When FINAL JUDGMENT was first released in January of 1994, it became an overnight "underground best-seller." More than 7,000 copies were sold within one week's time - a record not even many "New york Times" best-sellers can match. Yet, FINAL JUDGMENT has never once been mentioned in the major media - which is otherwise eager to capitalize on news about the Kennedy family and the JFK assassination.

The book lays forth hard evidence that Israel's Mossad collaborated alongside the CIA and the Meyer Lansky crime syndicate in the assassination of President Kennedy. And since the book was first published, NOT ONE PERSON HAS ATTEMPTED TO REFUTE ITS CONCLUSIONS.
If you're one of thousands who've already read FINAL JUDGMENT, then you'll definitely want to read this explosive new edition of the

book. If you haven't yet read FINAL JUDGMENT, then NOW IS THE TIME TO ORDER YOUR COPY OF THIS SUBSTANTIALLY ENRICHED THIRD EDITION.
To order your copy of FINAL JUDGMENT call 1-800-522-6292 and charge your order to your Visa or MasterCard, or mail $20 per copy of FINAL JUDGMENT to
LIBERTY LIBRARY
300 Independence Avenue, S.E.
Washington, D.C. 20003

823. IC-551 FM Board Sch.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: KReblon@ccwf.cc.utexas.edu
Message-ID: <4djct8$53o@geraldo.cc.utexas.edu>
Source record: 207190

Does anyone have the schematic (or the Board!)
for the IC-551 6 meter rig's FM board option?

I've got a friend thats needed one for years (N5EAD) and I'd like to surprise
him by building it for him.

Thanks!

Bob

824. Re: ADI 2 meter radios. Who is ADI?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: martya@ldd.net
Message-ID: <4djdn7$ib1@sparky.midwest.net>
Source record: 207191

Will Flor <willf@rrgroup.com> wrote:

>James.Molinaro@Microserve.com (James Molinaro) wrote:
>>Lately I have been seeing ads for ADI 2 meter radios made by Premier
>>Communications. Prices are very reasonable. Does anyone have any info on this
>>company?

>I have a friend who has an ADI radio, and from examining his unit, it seems to be a
>Standard HT with a different name on the case.

>73 de KB9JTT
>-Will from Wisconsin

I had an ADI 2m HT for a while... It was a Standard, inside and out.

I can't recall the model #, but the problem I had with it was
two-fold: (1) The CPU kept going belly-up, twice in three years and
(2) Getting it serviced was a nightmare.

Standard denied any connection, even though their name was on the PCB
and I could find only one place (some outfit in GA) that would work on
the rig at all, and they were SLOW.

Things may have changed now, but my own experiences with this turned
me off to both ADI and Standard. Looking at it, I would probably buy
another ADI before I bought a Standard.... I didn't care for
Standard's attitude on the phone.

Marty Albert (Amatuer Radio Station KC6UFM)
Fredericktown, MO USA

825. Re: Attenuator for 10W to 5mw

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: gcouger@master.ceat.okstate.edu
Message-ID: <4dhkqu$142@news.cis.okstate.edu>
Source record: 207192

In article <1996Jan16.184347.22285@ke4zv.atl.ga.us>,
Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>In article <4de907$chm@news.global1.net> jagg@globalone.net writes:
>>can some one please help me with a circuit to build a
>>an attenuator from 10W to 5 mw on 28mhz?. I am planning
>
>You need a 33 db Tee pad. A Tee pad looks like this:
>
> R1 R1
>IN ----/\/\/\/\-----x-----/\/\/\/\----- OUT
> |
> /
> \ R2
> /
> |
> -----
> ---
> -
>
>The R1 values will be approximately 47 ohms, and the R2 value
>will be approximately 3 ohms. The R1 on the input side will
>dissipate most of the power, so it should be rated at least
>10 watts. R2 can be a 2 watt resistor, and the R1 at the output
>can be a 1/2 watt unit.
>
>All three resistors must be non-inductive. That's a problem
>for the 10 watt resistor since most resistors you'll find
>in that wattage will be wire wound units. That won't work,
>you need carbon resistors. So you can parallel a bunch of
>smaller resistors (10 470 ohm 1 watt units) to get the desired
>value and wattage.

Allied is carring Cardwell power resistors that are non inductive,
Cardwell claims flat to 100 Mhz, that dissapate up to 50 watts each. They
need a heat sink. They cost about $8.00 each.

I built a dummy load using 2 50 watt 100 ohm resistors in parrallel. It is
flat to 200 MHZ and has about a 1.5 to 1 SWR at 440. The reactance is in
my construction not in the resistor.

Gordon

Gordon Couger
Biosystems & Agricultural Engineering. 114 AG Hall Stillwater, OK 74075
gcouger@master.ceat.okstate.edu 405 744 8392 day 625-2855 evenings

826. POLL: What is the best dual band mobile antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: skeller@niia.net
Message-ID: <4dhp5t$u3@gold.niia.net>
Source record: 207193

I will be hitting the hamfest trail this winter and spring (hopefully Dayton), and I want to get the best mobile antenna that I can buy for 146MHz/446MHz. I want the antenna to especially perform well on 70cm, because this is the band that I use the most. I am willing to spend as much money as necessary, but I want performance. I see the Comet antennas and Diamonds, and I wonder if they are really worth the money. I really tend not to believe the gain figures that they put on, so I would like so real world feedback.

Thanks for the feedback.

Scott Keller
N9WDH
skeller@niia.net
GODISINCONTROL

827. Info: Icom 2GAT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: pridgent@pinn.net
Message-ID: <4djf3b$73r@everest.pinn.net>
Source record: 207194

Have an opportunity to purchase the Icom 2GAT 2mtr rig. Can anyone
provide me with the pros and cons of this rig and any other info to help
me make this decision? Thanks in advance. Please email to: pridgent@pinn.net
73deTerry, KC4YTF

--

828. WANTED - DECENT SOFT CASE FOR RADIO SHACK HTX-202

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: jleonar@primenet.com
Message-ID: <jleonar.1.00CB0C81@primenet.com>
Source record: 207195

I am looking for a decent soft case for the Radio Shack HTX-202 2-Meter radio. The one that Radio Shack sells really sucks, don't buy it. Unfortunatly even though the case design is similar to an ICOM, ICOM has told me that none of their cases will work.

Any info will be greatly appreciated!!

829. Re: IC 820H extnd rcv. MOD ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: Carl H Nord <cnord@mail.snet.net>
Message-ID: <4dhltv$1lv2@CT1.SNET.Net>
Source record: 207196

Thanks, I was able to get it from ICOM tech. support today.
Appreciate your help anyway.
73
WA1KPD

830. Re: DSP on a VHF repeater

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: Dave Hockaday <wb4iuy@nando.net>
Message-ID: <4dhmng$oat@castle.nando.net>
Source record: 207197

>I tried a dsp on the bench to see how the audio quality was for FM usage
>and the improvement on weak signals. It look like a 6 to 10 db
>improvemnet on the weak signal, since the audio was poor at this point
>but on a full quietting signal the dsp down graded the audio. If there
>was a way to switch the unit in and out of the circuit, it could help.

I'm currently tinkering with DSP on the UHF link of my 10 meter repeater to eliminate radar interference. The bench tests look good. I didn't notice any problems with the audio on a strong signal. I haven't crossed the tone signalling "bridge" you mentioned yet, but the "early steering output" on the tone decoder could be used to bypass the DSP during signalling.

In your application, you might look at agc levels or plop in a noise switch to look for "x" amount of quieting, and toggle the DSP with that. I found the time delay caused by the DSP nice and useful to hide the squelch tails.

On a sideline, I got one of the ANC-4's for Christmas. I drug it out to the 10 meter repeater RX site and found it to work wonders on the locally generated powerline noise. There will probably be one installed at the site in the near future...

73 de Dave Hockaday WB4IUY
wb4iuy@nando.net

831. Wanted: tower trailer specs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: cliffor1@ix.netcom.com
Message-ID: <4djtg2$mng@cloner2.ix.netcom.com>
Source record: 207198

I am looking for anyone who has specifications for tower trailers. I would like to build one and have a heli arc welder available. A new one may cost more than $5000-$1000.

If anyone has some blueprints to share please e-mail me. I would appreciate it very much.

73 de KJ6HC, Clifford Uyeda

832. Re: KENNEDY ASSASSINATION

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4djj0d$da3@newsbf02.news.aol.com>
Source record: 207199

Who killed Gumby.

Gumbey was murdered by the CIA. He was about to expose nude photos of Ted Kennedy swimming across the Chappaquitick river after an alien took him into the spaceship and did a sexual experiment on him.

For the true inside story, send $100 dollars to me.

833. Re: ICOM 706 and AH2 antenna tuner??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: "Charles A. Rubenstein" <rubenc@iglou.com>
Message-ID: <DLAvM7.Brt@iglou.com>
Source record: 207200

Yes, just unplug the 4 conductor plug from your AH2 controller unit
and plug it into the back of the IC706. Itll work fine. AH2 is the same
as the AH3 (AH3 just doesnt use controller)

Charlie KB8BWE
IC706/AH3

834. Icom IC-T22 TX range

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: s3_0114@EFP.Poznan.PL
Message-ID: <Pine.A32.3.91.960117123327.14729A-100000@ITU1Lab.EFP.Poznan.PL>
Source record: 207201

Is it possible to expand Icom IC-T22 TX frequency range to at least 144-160MHz?

I need it to communicate with paraglider pilots in Poland who use the frequencies around 160MHz as well as with hams at 144-148MHz.

Thanks for helping me.

Tomek

835. Re: Opinions on the TenTec Scout?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <4dices$vle@info4.rus.uni-stuttgart.de>
Source record: 207202

>My main concerns revolve around receiver performance, and a comment
>someone made about the Scout's poor performance on CW.

The cw- performance of the Scout is actually very good.
Ten-Tec (being honest) mention that the frequency controll
loop may adjust the transmit frequency by a small increment during long
transmissions, if the rig is not in a thermal equilibrium.

73, Moritz DL5UH

836. Uniden Bearcat scanners at wholesale prices

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: Dale Harrison <sca00031@mail.wvnet.edu>
Message-ID: <1117cc$17367.20c@luzskru.cpcnet.com>
Source record: 207203

Our company "On-Line Electronics" has just set up a new web site and we believe we have the lowest prices on the web. Check out our new site at:

URL http://mall.turnpike.net/~caj26287/racelink

837. Computer interface info FT757

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-17 00:00:00 UTC
From: simonb@werple.net.au
Message-ID: <4dilo3$ljl@eplet.mira.net.au>
Source record: 207204

G,Day

I am looking at interfacing to my ft757 to my computer does anybody have
any information regarding software control code which are sent via an
interface? Does anybody also know of the actual circuit used in the
FIF-232 interface? I would think that it is simply a RS-232 to TTL logic
level job?
Any information would be greaty received

Please e-mail
either

simonb@mira.net.au
or
simonbrown@rfsaus.attmail.com

Thanking you in advnce

Simon Brown

VK3MEQ

73s

```
*********************************************************************
* *
* Werple public access UNIX, Melbourne, Australia. *
* *
* Simonb@werple.mira.net.au *
* 160595 *
*********************************************************************
```

Hi :).

838. Looking for info on legal cases involving commercial antenna-tower construction

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: dragottj@milwaukee.tec.wi.us
Message-ID: <4dk20l$e0a@news.milwaukee.tec.wi.us>
Source record: 207055
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

I am looking for information about cases involving legal disputes between local government, city to be exact, and private industry. I am having trouble getting a local township to agree to let me raise my business tower to 500 feet. They have been stalling me for over a year now. Any information would greatly be appreciated.

Please either post information under this article or preferably e-mail me at 'dragottj@milwaukee.tec.wi.us'. Thanks.

839. Re: IC-551 FM Board Sch.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: rreames@ix.netcom.com
Message-ID: <4dk39f$p3c@ixnews7.ix.netcom.com>
Source record: 207056

In <4djct8$53o@geraldo.cc.utexas.edu> KReblon@ccwf.cc.utexas.edu (Bob Nagy) writes:
>
>Does anyone have the schematic (or the Board!)
>for the IC-551 6 meter rig's FM board option?
>
>I've got a friend thats needed one for years (N5EAD) and I'd like to surprise
>him by building it for him.
>
>
>Thanks!
>
>Bob
A guy at ICOM said he would send me the schematic but it hasn't shown up yet. Maybe it's time to remind him. If I get one I'll send you a copy. I had the same idea.
Randy
WA0TKO
rreames@ix.netcom.com

840. FS Icom 737A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: stevenk@interlog.com
Message-ID: <4dk4c2$iak@steel.interlog.com>
Source record: 207057

For sale Icom IC737A hf transceiver , built in antenna tuner and cw keyer.
Comes with 250 Hz cw filter ,AM and FM and service manual . Same radio
as IC738 except without swr and alc meter circuit . Tuned for 150 watts output
Mint condition and not used in mobile . Asking 1100 US with shipping extra .
I can be reached at 416-921-9814 in day time or 416-231-3831 in evenings EST
or email stevenk@interlog.com
Steve Toronto

841. New Iambic key

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: Greg Muller <muller@bms.com>
Message-ID: <4dm6ug$7t3@synapse.bms.com>
Source record: 207058

Does anyone have any experience with the Kitano Key? I saw it on the
Web- Amateur Radio Internet Shopper http://www.cqinternet.com. I'm thinking of
getting one for a friend who doesn't like the conventional paddle. Any feedback?
Please send to muller@bms.com

842. Sell Central Elec. 600L

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: rjones@atl.ge.com
Message-ID: <rjones-1801960915470001@mac7100_4.atl.ge.com>
Source record: 207059

I Have a friend who wants to sell a central electronics 600L
linear amp 160 thru 10 Meters Min 300 Watts Out Broad Band - NO TUNE
Ex Cond. $575.00 Please Respond to me an i will get him the info since
he is not on the internet.
thanks
Rjones@atl.ge.com
N3WDG

--
Rjones@atl.ge.com
N3DWG

843. 3-1000Z vs. 4-1000A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: Ken Gianino <gianino@sbctri.sbc.com>
Message-ID: <4dm7b6$poi@sbctri.tri.sbc.com>
Source record: 207060

I have a chance to buy a 3-1000Z based HF amplifier. Do the 3-1000Z
and 4-1000A share the same base (as the 3-500Z and 4-400A do)? I see
a lot of comercial "pull" 4-1000's but hear very little of the 3-1000.
Do the Chinese or Russian factories make a plug-in equivalent as they
do for the 3-500Z? This is a commercial autotune amplifier so
changing the tube socket would not be a trivial matter.
Ken - WB0QNA

844. FS: TenTek 6 M XVTR

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: maccluer@pilot.msu.edu
Message-ID: <4dkgfa$1fqu@msunews.cl.msu.edu>
Source record: 207061

Greetings--

I have a well constructed TenTec 1208 6 meter transceiver. 5 Watts in on 20 M
will get you 10 Watts on 6. Nice rig: $130.

73,

Chuck W8MQW
maccluer@math.msu.edu

845. Re: ***ONE OF THE BEST HAM WEB PAGES ON THE INTERNET. TRY IT OUT!!***

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: kilgore@wichita.tivoli.com
Message-ID: <4dluna$qbs@tivoli.tivoli.com>
Source record: 207062
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.packet,rec.radio.amateur.policy,rec.radio.amateur.space

```
In article <4dlre7$mkr@superb.csc.ti.com>, mbv@ti.com (Ken Durham) writes:
|> In article <4dk7io$kd1@fnord.dfw.net>, dmclean@dfw.net says...
|> >
|> >Hello all:
|> >
|> > In the last message that I sent over usenet I forgot to include my
|> >url for my web site. The URL is "http://www.dfw.net/~dmclean".
|> ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~`
|> I tried this URL yesterday and again this morning with no results. Netscsape
|> keeps contacting the host forever. Please try your page from another site and
|> see if it can be accessed.
|>
|> Ken Durham K5MBV mbv@ti.com
|>

It worked fine for me the other day, and I just checked it again and it's
working.

73,
Jeff Kilgore, KC1MK
```

846. Tubes for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: amundson@cts.com
Message-ID: <4dkja4$im5@news2.cts.com>
Source record: 207063

I was going to build and amp so I bought the tubes and never built the amp.
Does anyone have more ambition than me? If so then I'll sell you the tubes
and they can sit at your house and stare at you for awhile. I have the following,
(2) 8877's and (2) 8660's. Any serious offers will be considered seriously.

Ray sends...

847. WTB: Automatic Tuner for the Kenwood TS-850S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: ojg@tis.inel.gov
Message-ID: <4dmjc8$mbr@mica.inel.gov>
Source record: 207064

Hi and thanks for reading this posting.

I am looking for the Automatic Tuner for the TS-850S (AT-850). If you have one to sell, please respond with asking price.

email - wa4vrv@srv.net

de Jay, WA4VRV

848. Alinco dj-580

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: ee95ajm@brunel.ac.uk
Message-ID: <4dlnso$39q@ccsp-23.brunel.ac.uk>
Source record: 207065
Cross-posted to: rec.radio.amateur.equipment,uk.radio.amateur

Sorry about posting this under a new thread, but the news server's just eaten the last one.

I've partly solved the problem, on further investigation last night i found that the plastic on the battery connection plate was warped so i remove the plate, it appears that the radio has become 'very' hot at some point, as the negative battery lead has become unsoldered. The problem now is, where do i resolder the lead (the negative is the grey lead) there is a "-" in a box on the pcb but do i resolder the wire to the pad to the left (which has a capacitor lead soldered to it, or the one below it ?

The other problem is, how do i open up the case, as far as i can tell there are three screws holding it together, one above the ptt, one below and one where the wrist strap goes. But when these are removed the top still seems to be fixed to some thing?

andy, g7ueh

849. Re: IC-706 Service Manuals are HERE!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan18.162033.1611@ke4zv.atl.ga.us>
Source record: 207066

Ok, here's the computer simulation info I promised. I modeled
the 60 MHz to 200 MHz bandpass response. To say the least, it
sucked rocks. There are two poles, one at about 136 MHz and the
other at about 160.5 MHz. Response is nice and flat from 60 MHz
to 120 MHz with less than 4 db of ripple, but it takes a dive from
there. In the 130 MHz to 170 MHz range, the loss is at least 36 db,
rising back to only 30 db at 200 MHz. Image rejection at 280 MHz
is only 26 db.

Now the ideal fix is to change the inductors so that L49 is 27nH,
L40 is 22 nH, and change C152 to 30pF. That gives a lovely passband
across 60 MHz to 200 MHz, and gives strong image rejection at 280 MHz
and up, with one of the nulls falling right on that frequency. The
factory ought to do that.

Unfortunately, examination shows these coils aren't easy to modify.
So there's another way that still gives a pretty good response. If
you remove C53 and C153, you'll get full response, though with a dip
of 4 db in the 160 MHz to 180 MHz range, and only 26 db of image
rejection at 280 MHz. But if you increase the value of C152 to 32pF
by tacking the removed C153 across it, response flattens and tightens
in the upper VHF range, and image rejection improves to 31 db at 280 MHz.
That's about as good as we're going to get without replacing L49 and L40
and C152 with the recomended values.

Here's the ARRL Radio Designer file for the filter.

```
************************************************
*ARRL Radio Designer v1.0
*IC-706 60 MHz to 200 MHz bandpass filter
* Gary Coffman KE4ZV 1/18/96
************************************************

Blk
**Component data inductors

L22:1.2uH
L49:82nH ;ideal 27nH
L40:68nH ;ideal 22nH
L25:0.15uH
L26:0.18uH
L27:1.2uH

**Component data capacitors

C51:.001uF
C154:20pF
```

```
C153:0pF ;was 12pF
C152:32pF ;was 20pF
C53:0pF ;was 20pF
C151:24pF
C52:18pF
C54:220pF
C55:22pF
C56:82pF
C57:27pF

**Node list

IND 1 0 L=L22
CAP 1 2 C=C51
CAP 2 0 C=C154
IND 2 3 L=L49
CAP 2 3 C=C153
CAP 3 0 C=C152
IND 3 4 L=L40
CAP 3 4 C=C53
CAP 4 0 C=C52
CAP 4 5 C=C151
CAP 5 6 C=C54
IND 6 0 L=L25
CAP 5 7 C=C55
CAP 7 8 C=C56
IND 8 0 L=L26
CAP 7 9 C=C57
IND 9 0 L=L27
BPF:2POR 1 9

END

**Frequency block

FREQ
ESTP 50MHz 300MHz 511
END
**********************

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |
```

850. Re: Alinco dj-580

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: ga19989@evax01.d51.lilly.com
Message-ID: <1996Jan18.121251.1@evax01.d51.lilly.com>
Source record: 207067
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Greg KO6TH brings up a recurring problem with my DJ-580.... the danged BNC connector gets really sloppy... of course, any BNC does this but the 580 seems to be worse than others... I made mine worse by hanging a BNC-to-SO239 transition and an SO239 (UHF) connector to the car's antenna coax so I can use the 580 as a mobile... I also got a remote mic so I could lock the HT down and not flex the antenna connection

Anybody solved the problem? Yeah, with the Alinco rubber duck there is no stress on the BNC connector.... but a rubber duck ain't that hot... and I did not see any easy way to replace the BNC

Mel KJ9C

> Isn't the "on-air light flashing" the radio's way to tell you that the SWR is
> too high? I seem to remember that (but of course the manual isn't near by).
> If so, this could be the "broken center pin on the BNC connector" problem.
> An easy check is to wiggle the antenna as you receive a moderate signal, and
> see if it cuts in and out.
>
> Fixing the bloody thing isn't that hard, as long as you have steady hands,
> good eyes, and a very small soldering iron. If you want a blow-by-blow
> walk through, let me know. I think I've still got the write up I did after
> my first experience with this problem.
>
> Good luck,
>
> Greg KO6TH

851. Wiring a D-104 mic to a Yaesu?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: boardman@cobra.unm.edu
Message-ID: <4dmfg7$i9a@lynx.unm.edu>
Source record: 207068

I picked up a used Astatic D-104 mic that I'd like to connect to my Yaesu FT980 HF rig. The cable (currently no plug) on the D-104 has one each red, black, and white wires, plus the shield. The Yaesu uses an 8-pin mic plug. Could someone send me the wiring scheme as to which color wires go to which pins on the plug?

After waiting over a month, I finally got my new Tech+HF callsign from the FCC!

73 de KC5SFW,

-Bob

```
=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=
| Bob Boardman, UNM Cancer Research & Treatment Center, Albuquerque, NM |
| internet: boardman@cobra.unm.edu |
=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=
```

852. Regency HRT-2

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: Neil Bradley <nbradley@aloha.com>
Message-ID: <30FEC9C2.A35@aloha.com>
Source record: 207069

I was just given this radio out of a junk pile. The battery is shot. :(

However, if I plug it into a DC power supply, I do get a 'click' when turning it on.

Upon opening it up, I see that there are three sets of crystals in the radio.

Questions:
1) Is this an old "Radio Shack" product, in that the Radio Shack people could fix it?
2) Anyone out there have a tech manual for this thing?
3) Anyone know where I could get a new battery and some freq crystals to put in?

Neil Bradley
N3MYS

853. ***ONE OF THE BEST HAM WEB PAGES ON THE INTERNET. TRY IT OUT!!***

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: David Mclean <dmclean@dfw.net>
Message-ID: <4dk7io$kd1@fnord.dfw.net>
Source record: 207128
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.packet,rec.radio.amateur.policy,rec.radio.amateur.space

Hello all:

In the last message that I sent over usenet I forgot to include my
url for my web site. The URL is "http://www.dfw.net/~dmclean". I have
many things on my web page. Here is a list of many things:
1. Links to other ham stuff (QRZ,FCC,ARRL,ETC).
2. List of sites that have radio mod's.
3. A swap page to exchange junk on!
4. Repeter list for D/FW area (other states comming soon!)
5. List of web pages made by other ham.
6. Page to view all comments about my page (Not yet working but comming)
7. ***A fun place to be!!!***

If you have a web page or want to send a comment about my page please
send mail to dmclean@dfw.net. I Have more plans in work for the page. IRC
channel comming for talk. Keep you ears open!

--
David Mclean
From The World of Hamradio
KC5NNV is Clear!

---

854. ICOM IC 2350H MODS?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: mikecox@icon.net
Message-ID: <4dkak1$7d1@news.icon.net>
Source record: 207129

Does anyone have and have you used the mod for the ICOM 2350H. I have the sheet from Icom showing the two diodes and the wire that is affected. I also have the mod listed here on the "net".
However after opening up my 2350, the diodes on the logic board don't have matching numbers to either mod listed. Icom shows diodes D8 & D9. The mod on the net shows diodes D9 & D10. However my radio has D6 & D7 in those locations.
Any info out there ?

Thanks, Mike KI5DF

855. wanted manual for Eico 720

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: kb0lcj@mwci.net
Message-ID: <4dkh6m$n8v@hihat.mwci.net>
Source record: 207130

Need manual and schematics for Eico 720 transmitter. Will pay postage
and copy fee. If you can help please E-mail. Tnx.

--
---> <---
Sean Heber Ham Callsign: KB0LCJ

E-Mail: Sysop@Galaxy.Mwci.Net
OR kb0lcj@mwci.net
WWW Page: http://galaxy.mwci.net
Leave mail for Sysop on the Galaxy BBS:
(319) 557-2430 telnet: galaxy.mwci.net
---> <---

856. Re: Alinco dj-580

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: greg@core.rose.hp.com
Message-ID: <DLCsB4.JHq@icon.rose.hp.com>
Source record: 207131
Cross-posted to: rec.radio.amateur.equipment,uk.radio.amateur,rec.radio.amateur.misc

Andrew John Murrell (ee95ajm@brunel.ac.uk) wrote:
:
: Hi,
:
: I've got a alinco dj-580 handheld that appears to be playing up.
: When i turn it on it works ok for a few seconds, then it seems to go deaf on
: 2, and not transmit on 70 (but still tx's on 2, and rx's on 70). I have noticed
: that when it is acting up, and you tx on 70 (or at least try to :-)), the on airlight
flashes.
:

Isn't the "on-air light flashing" the radio's way to tell you that the SWR is
too high? I seem to remember that (but of course the manual isn't near by).
If so, this could be the "broken center pin on the BNC connector" problem.
An easy check is to wiggle the antenna as you receive a moderate signal, and
see if it cuts in and out.

Fixing the bloody thing isn't that hard, as long as you have steady hands,
good eyes, and a very small soldering iron. If you want a blow-by-blow
walk through, let me know. I think I've still got the write up I did after
my first experience with this problem.

Good luck,

Greg KO6TH

857. Re: ICOM 2350H Mobile Rig, Any comments?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: skeller@niia.net
Message-ID: <4dke7k$74t@gold.niia.net>
Source record: 207132

n7voe@aol.com (N7VOE) wrote:

>Does anyone have any first hand information/comments on the new ICOM dual
>band mobile rig, the IC 2350H?
>Is there any intermod problems with this rig?

>Please respond to N7VOE@aol.com

>Thanks
>73's,
>Dan N7VOE

A friend am mine (N9WLS) and I (N9WDH) both bought 2350H's at a hamfest last fall. I have had no intermod problem at all. WLS (what a call, eh) experiences some intermod when he passes very close to a couple of paging towers in town. Other than that we have had no problems. We don't live in a big city though, so I am not sure how well it would perform in downtown Chicago. I know that my 530 has horrible intermod in Chicago, but I haven't taken my 2350 into the city.

Altogether, I love my 2350. It scans *fast* compared to most of the mobiles out there. It's easy to use, it's compact. The DTMF buttons are too small, though. That's OK, I don't use any autopatches. I think that it is a best buy because it is the highest quality radio for the dollar. You can pick it up most places for less that $500. Try doing that with a Kenwood.

I hope this helps a little bit.

Chet
skeller@niia.net
N9WDH
GODISINCONTROL

858. New All Band Mobile Antenna for IC-706 HF+6m+2m Rig-->Comet CA-HV

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9601181746.AA20334@haldir>
Source record: 207133

Has anyone tried the new Comet Antenna
CA-HV Antenna with the Comet CF-530 with
their new Icom IC-706.
A dealer in LA quoted about $170 US Dollars on the
Comet CA-HV and $130 for the Diplexer so that the one
antenna cable splits into two ports for the IC-706.
Has any tried this Antenna without or with the Icom
Automatic Tuner (AT-180).
This antenna covers 40meters, 15meters, 10meters,
6meters, and 2 meters all in one Antenna. The people
at Comet Antenna specifically made this Antenna for
the Icom IC-706 mobile radio.
Any comments are appreciated!!
Answer via internet, since there are many IC-706
owners out there that may be interested in info on
this!!
reply via the internet
To:ham-equip@ucsd.edu
Subject:New All Band Mobile Antenna for IC-706 HF+6m+2m Rig-->Comet CA-HV
73
Mike
WB6DJI

859. TEN TEC Six Meter Kits

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: Chester Bowles <bowles@cmf.org>
Message-ID: <4dm9bq$6ci@news.monad.net>
Source record: 207134

In the latest issue of _QST_, there's an ad for TEN TEC kits (I know they've had a kit division for some time, but I don't think I seen an ad before).

They advertised a six meter mobile FM transceiver kit. It sounded pretty nice for $195, but it was only 5 watts. They had an additional power module for the two meter version, but said FCC regulations did not permit the extra power module to be sold for the six meter version. What's that all about?

The kit's not available until 2/96. Anyone have more information about it?

Thanks,
Chet, AA1EX

--
--
CHESTER S. BOWLES	Education, rehabilitation, housing,
Vice President	and managed care for children,
Crotched Mountain Foundation	adolescents and adults with physical
One Verney Drive	and developmental challenges.
Greenfield, NH 03047	http://www.cmf.org
603.547.3311 ext. 404	bowles@cmf.org
--

860. Ameriton Al-811, want comments

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: Peter Shintani <shintani@tv.sony.co.jp>
Message-ID: <4dkdji$i1m@oskgw.osk.sony.co.jp>
Source record: 207135

Hi
I am considering a linear amp. I would like to know the pro's and con's of the Al-811 and other linear amps. I thought the AL-811 looked like a good price to performance model, but am open to any comments and suggestions
PS

861. Re: Opinions on the TenTec Scout?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: pcb@connix.com
Message-ID: <4dlr7t$kgc@comet.connix.com>
Source record: 207136

sgray@mail.microserve.net (Steven Gray) wrote:

>I read, quite a few months ago, a series of comments about the TenTec
>Scout. I haven't heard much in the way of commentary about the rig
>recently, and since I am considering purchasing one, I would appreciate
>any and all feedback on the rig anyone would care to pass along.

The scout is a nice rig with good rx performance and a nice compact,
footprint. It is a "basic" rig and lacks alot of the features seen in
other small HF rigs. i.e. notch, rf gain, CW offset, PBT, VOX, ...

I have owned one for almost a year and i love it. I like the layout,
it is easy to operate while mobile, CW performance is outstanding (Not
an OMNI 6, but hey...), and the Jones Filter works. I have the same
complaints as most Scout users, sidetone volume and power output are
hard to access, a bit of processor whine, the Jones filter has some
attenuation of the passband at narrow settings, and the keyer
emulation/drift correction conflict = some drift.

I beat the drift by putting the rig in keyer-speed select mode and
letting the PTO settle down. Then the auto correct does not have to
work too hard.

I dig the scout for what it is.

GL OM
N1QDQ

>My main concerns revolve around receiver performance, and a comment
>someone made about the Scout's poor performance on CW.

>Thanks for your help!

>---Steve Gray
>nr3b
>sgray@ugly.microserve.net

862. FS Icom 751

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: stevenk@interlog.com
Message-ID: <4dk4fl$iak@steel.interlog.com>
Source record: 207137

For sale Icom IC751 HF transceiver comes with 250 Hz cw filter and service manual . Works on SSB CW RTTY AM and FM . Set up to work on all frequencies and tuned for 150 watts output . I can be reached at 416-921-9814 day time or 416-213-3831 evenings EST or email at stevenk@interlog.com Toronto . Asking 750 US

863. Re: ***ONE OF THE BEST HAM WEB PAGES ON THE INTERNET. TRY IT OUT!!***

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: mbv@ti.com
Message-ID: <4dlre7$mkr@superb.csc.ti.com>
Source record: 207138
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.packet,rec.radio.amateur.policy,rec.radio.amateur.space

In article <4dk7io$kd1@fnord.dfw.net>, dmclean@dfw.net says...
>
>Hello all:
>
> In the last message that I sent over usenet I forgot to include my
>url for my web site. The URL is "http://www.dfw.net/~dmclean".
~~~~~~`
I tried this URL yesterday and again this morning with no results. Netscsape
keeps contacting the host forever. Please try your page from another site and
see if it can be accessed.

Ken Durham K5MBV mbv@ti.com
~~~~~~

864. WTB:Brown Bros Paddles for parts.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: kovar@zeus.ia.net
Message-ID: <4dlqst$hb8@hera.ia.net>
Source record: 207139

My BROWN BROS MODEL BTL-A has been dropped and I need replacement
parts for it.
I need all the RED PARTS, and PADDLE ADJUSTMENT SCREW.

Please help if you have one for parts!

Jack Kovar
KE0AX
319-378-9852
Toddville, Iowa

865. Re: Who makes/sells go 2 Meter OSCAR LNA's ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: Dietrich Morgenstern <76050.1341@CompuServe.com>
Message-ID: <30FD89AE.5664@CompuServe.com>
Source record: 207140

Mark Monte wrote:
>
> Am curious to hear some advice from some of you experienced folks who
> know who has the best one to buy. Or maybe suggestions on whether or
> not I should build it myself.
>
> Tnx,
>
> Mark (AB6ZQ) mmonte@linkabit.titan.com
Mark:
I have been using the preamps from SSB-Electronic for several years
now on Oscar 10 and 13 with good results. They are available in the
US.
A good point about them is that they are available in good
weatherproof housing.

Dietrich DJ1VA

866. [Q]: MFJ 6 Meter Travel Radio?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: Buster <lathrop@azstarnet.com>
Message-ID: <4dml0r$hhb@news.azstarnet.com>
Source record: 207141

Is the MFJ 6 meter travel radio junk?
I'd like to get on 6 ssb. I'm already
on 2 SSB.

Please respond via e-mail.

KC7KMJ
Buster

867. Info: Kenwood TR2400

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: pridgent@pinn.net
Message-ID: <4dmane$3ca@everest.pinn.net>
Source record: 207142

Looking for info on the TR2400 2mtr rig -- operating characteristics,
pros and cons-- age of rig--approx cost when new. Thanks in advance.
73 de Terry KC4YTF
Email: pridgent@pinn.net

--

868. What's the Web Page Address???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: s002tdb@nova.wright.edu
Message-ID: <1996Jan18.223352.49012@nova.wright.edu>
Source record: 207143

```
What is the web page address??
-tb
```

869. Yaesu FT-790R II 70CM all mode portable for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: ve7zvz@dowco.com
Message-ID: <ve7zvz-1801961313030001@ppp32.dowco.com>
Source record: 207144
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap,rec.ham-radio.swap

For sale Yasesu FT-790R II 70cm all mode portable
$700 CDN or equivalent in US$ shipped anywhere Also willing to trade this
for Yaesu FT-690R II 6M all mode portable.

Also have an ICOM IC-740 HF transceiver with PS15 power supply
Has EX241 marker board and workshop manual. $550 CDN or equivalent in US$
shipped.

You may respond via e-mail but I am not the seller.
Seller is Don (VE7MDX) phone (604) 942-3278

--
Scott Leaf VE7ZVZ CN89os
ve7zvz@dowco.com
Port Coquitlam, British Columbia, Canada
Mountain DX Club - "To boldy VHF where no ham has VHFed before"
Coming up Summer '96 DX-pedition to rare grid CO80, on 6M, 2M & 70cm

870. Re: Ameriton Al-811, want comments

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: dennisg@microware.com
Message-ID: <4dm3uj$r2r@mcrware.microware.com>
Source record: 207145

In <4dkp4o$67u@hummin.sol.net> garyk9gs@solaria.sol.net (Gary Schwartz) writes:

>Peter Shintani (shintani@tv.sony.co.jp) wrote:
>: Hi
>: I am considering a linear amp. I would like to know the pro's and con's of the Al-811
>: and other linear amps. I thought the AL-811 looked like a good price to performance
>: model, but am open to any comments and suggestions
>: PS

>Just be sure that you take the cover off and check the solder connections
>through out the amp before you fire it up for the first time.

I will second this. I have run into a few cold solder connections in mine
also. I think I have found them all. I am happy with the amp overall and the
tech support at Ameritron has been excellent.

73's Dennis

--
Dennis Gabler --o--------------------------=o=--------------------------o--
|
dennisg@microware.com KB5HVN/NNN0BQG__________| KB5HVN@WB0UGO.IA.USA.NA

871. Need Novatel 8305A cellphone info badly

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: ka1kjz@tigger.jvnc.net
Message-ID: <DLEF08.FC8@tigger.jvnc.net>
Source record: 207146
Cross-posted to:
rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.swap

Well, here I go again, I've been looking for this information for some time now and hopefully SOMEONE has SOMETHING.

I have a few Novatel model 8305A cellular phones that I wish to convert over to 900MHz. They are black, square, about 10" x 10" x 2".

At the very least I need a schematic, but full service information would be nice too. I understand that there was a Novatel Amateur Radio Club at one time and they did just this, converted them over to 900MHz for packet.

Any info would be appreciated and I of course will pay costs of copying and shipping if necessary.

Please reply via e-mail... ka1kjz@ix.netcom.com

73zzz Ron

872. ICOM IC-740 HF Transceiver For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: ve7zvz@dowco.com
Message-ID: <ve7zvz-1801961315220001@ppp32.dowco.com>
Source record: 207147
Cross-posted to: rec.ham-radio.swap,rec.radio.amateur.equipment,rec.radio.swap

For Sale ICOM IC-740 HF transceiver with PS15 power supply
Has EX241 marker board and workshop manual.
$550 CDN or equivalent in US$ shipped.

Also for sale Yasesu FT-790R II 70cm all mode portable
$700 CDN or equivalent in US$ shipped anywhere.

You may respond via e-mail but I am not the seller.
Seller is Don (VE7MDX) phone (604) 942-3278

--
Scott Leaf VE7ZVZ CN89os
ve7zvz@dowco.com
Port Coquitlam, British Columbia, Canada
Mountain DX Club - "To boldy VHF where no ham has VHFed before"
Coming up Summer '96 DX-pedition to rare grid CO80, on 6M, 2M & 70cm

873. Re: WANTED - DECENT SOFT CASE FOR RADIO SHACK HTX-202

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: Kevin Short <kevin@larson.com>
Message-ID: <Pine.SCO.3.91.960118144103.29915B-100000@ltiblu.larson.com>
Source record: 207148

On 17 Jan 1996, John F. Leonardi III wrote:

> I am looking for a decent soft case for the Radio Shack HTX-202 2-Meter radio.
> The one that Radio Shack sells really sucks, don't buy it. Unfortunatly even
> though the case design is similar to an ICOM, ICOM has told me that none of
> their cases will work.
>
> Any info will be greatly appreciated!!
>
>

I found that Ham Radio Outlet sells a line of generic soft cases to fit most brand HT's. They are made of a wet suit type material that is covered with nylon cloth. They look OK and offer some impact protection. I don't know the name of the company that makes these.

[kevin] Kevin Short
==========

874. Re: Pinouts for IC2SRA and IC2GXAT?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <4dlie7$7re@news.halcyon.com>
Source record: 207149

The IC-2SRA uses the following on the Mic/SP1 connection.

Tip is receiver audio
Ring is both mic audio and PTT
Sleeve is ground.

The 2SRA, 4SRA, W2A, and the Delta 1 all use the same pin out as above.

The second connector on the 2/4SRA has as follows
Tip is receiver antenna
Ring is 5 volts at 3 ma
Sleeve is ground

On the W2A and Delta 1 A on the second connector:

Tip is subband audio
Ring is 5 volts at 3 ma
Sleeve is ground

Hope this helps

Gary

875. Help on Hybrids!!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: rkread@pncl.co.uk
Message-ID: <4dk3n9$t3u@eiger.pncl.co.uk>
Source record: 207150

Please can anyone help:
I am building some equipment and need some information, I am looking for three articles and was hoping that someone could tell me where I can get the articles or even send them to me.
They are:
HAM RADIO MAGAZINE
1 april 1984 page 107
The Branch-line hybrid
by E Franke

2 january 1982
Wilkinson Hybrids
by E Franke

3 october 1979
Broad Band Hybrid Splitters and Summers
by W.Hennigan W3C2

Please help.
R

876. WEATHER FAX software package

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: kelaero@iaccess.com.au
Message-ID: <4dmmng$g0l@sleipnir.iaccess.com.au>
Source record: 207151

I would greatly appreciate any information on a software package called
WEATHER FAX that processes acquired weather data to produce weather maps.

Thanks,

Shiraz Iskenderian
Melbourne, Australia

877. Re: Ameriton Al-811, want comments

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: garyk9gs@solaria.sol.net
Message-ID: <4dkp4o$67u@hummin.sol.net>
Source record: 207152

Peter Shintani (shintani@tv.sony.co.jp) wrote:
: Hi
: I am considering a linear amp. I would like to know the pro's and con's of the Al-811
: and other linear amps. I thought the AL-811 looked like a good price to performance
: model, but am open to any comments and suggestions
: PS

Just be sure that you take the cover off and check the solder connections through out the amp before you fire it up for the first time.

I recently went on a DX-Pedition. For our trip, my group bought a brand new AL-811A. After unpacking from the carton, I popped the cover off to remove the bubble wrap surrounding the tubes and change the primary taps on the power supply.(where I was going, the power source was 230V, 50Hz.)

Rolling around inside the case were two PEM nuts that are used to hold the cover on to the amp. I wondered why there were two screws in the bottom of the box!

Next I ran the amp at home for several hourson each band into a dummy load to make sure everything worked OK.

Upon arrival on the island, we fired up the station on several bands and made a few hundred QSO's without any problems.

The next day, during the CQWW SSB contest, while on 20M, there was a loud pop and I saw an arc near the input band switch. I took the amp off the table and we continued operating barefoot to diagnose the problem.

There was no visible damage near the 20M input coil but the 40M input coil had a black residue near the base where it solders into the PCB. The problem was VERY POOR soldering of the part.

Closer inspection revealed poor soldering on most of the parts on the PCB.

As an aside, I work for a large electronics manufacturer and am VERY familiar with modern soldering processes and am quite familiar with what a good solder joint should look like. A proper wave-soldered board (yes, these were wave-soldered) should have a sufficient amount of solder flowthrough from the bottom side of the board to leave a nice smooth fillet of solder on the leg of the component on the top side.

On the MFJ PCB, there was none or very little solder flowthrough on most components. This tells me that several things are going on on the manufacturing floor at MFJ.

1) They had either and insufficient amount of pre-heat on the boards or ran the conveyor speed too high. Either way, this is

very poor process control.

2) The plated through holes in the PCB could have been
contaminated due to poor quality PCB manufacturing techniques or
improper storage/handling of the bare PCB's.

Either or both of these conditions, along with the poorly attached PEM
nuts, are the sole result of a manufacturing operation that is out of
control.

There were three other times during our one week trip that the amplifier
had to be fixed for poor soldering and/or loose parts. Fortunately, none
of the failures resulted in damaged components that put the amplifier out
of commission.

Upon our return, a call to MFJ customer service resulted in a response of
, "impossible!" !! The amp was sold, for $400.00, last weekend, after
explaining to the present owner that he might want to buy a roll of solder
at the hamfest while he was at it!

I guess that sometimes one gets what they pay for.....

In all fairness though, when the amp was working it chugged along quite
well, good enough for 7500 QSO's in four days.

-- 73,
Gary K9GS (You have to STOP the Q-Tip when there's resistance !)

____
| |
| Gary Schwartz K9GS E-Mail: garyk9gs@solaria.sol.net |
| Society of Midwest Contesters Packet:K9GS@WA9KEC.WI.USA.NOAM |
| Greater Milwaukee DX Association Secretary/Treasurer |
|____|

878. WTB - cheaper 2m/440Mhz handheld

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: jmtallon@mtu.edu
Message-ID: <4dmuku$7bq@login.ee>
Source record: 207153

I'm just getting my ham license, and while I can use the clubs equipment,
it would be nice to have my own 2 meter handheld. If anyone has a fairly
cheap one forsale, please let me know. Thanks in advance.

--
"Aerodynamics are for people who can't build engines"
-Enzo Ferrari-

Jonathan M. Tallon jmtallon@mtu.edu M.T.U.

879. TS-830S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-18 00:00:00 UTC
From: angell@northernnet.com
Message-ID: <angell-1801961407510001@206.24.45.51>
Source record: 207154

TS-830S with YG-455C and YK-88C CW 500HZ filters plus MC-50 mike. $475 plus shipping. My wife got her ticket (KB0ROD) and would like a "simpler" rig. I don't think she likes the fact this rig has a tubes final.
"VC" KC0EM

--
"VC" Angell
Reporter/writer

880. WTB: Icom 4-pin hand mike (for IC-551D)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: fedpress@omnifest.uwm.edu
Message-ID: <4dp5go$so9@omnifest.uwm.edu>
Source record: 207005

I'm looking for a FOUR-PIN Icom hand mike for/from the IC-551D 6m multimode transceiver.

TNX ES 73,

Rick WB9GYT

881. Trade software for Packet interface?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: John Stewart <Radiojohn2@mci.newscorp.com>
Message-ID: <4dp7dh$o9n@merlin.delphi.com>
Source record: 207006

Hi! I'm a complete amateur, newbie, whatever to packet. I have a PC, a Commodore 64 and a R/S Portable 102.

I also have access to quite a bit of NEW PC Software, games, education, some productivity. This is NOT shareware or copies, but the real thing from the factory.

If you have an older interface for the 102 or other computer, and would like to trade for software, please email me. I also have no radio!

(I realize I will need a license, but I need some gear first.)

John Stewart

882. Re: IC-751 CW Performance

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4doee4$jfk@newsbf02.news.aol.com>
Source record: 207007

In article <4do8n2$34cf@rs2.ccd.harris.com>, dsnowden@ccd.harris.com (Doug Snowden) writes:

>I recently purchased an FL-32 (9mhz if, 500hz `) cw filter for my IC-751.
>After installing it, I was quite disappointed in what I heard. The filter
>didn't seem any better than using passband tuning in cw wide mode.
>Any similar experiences? Could they have put the label on the filter
>backwards, thus causing me to install it backwards? I would imagine that
>if that happened, the in / out impedances would be wrong for the filter,
>causing poor performance. Note that the signals don't drop in level when
>using the filter, it just seems wide. The manual says the filter is rated
>at something (from memory) like 6 db down at 1khz.
> MY old Yaesu FT-102 works far better.... Any ideas ?
>
>Doug, N4IJ dsnowden@ccd.harris.com
>
>--
>Doug Snowden

Hi Doug,

I have the 751A. I use 250 Hz filters in both IF's and they both help. I think the biggest improvement you will see is better shirts and less overload from close signals. You probably won't see a big difference on clear frequencies.

If I use the main low IF 250 Hz filter on a clear band, and switch in the second 250 Hz filter there is barely any improvement. If I do so when someone 40 dB over 9 is 500 Hz away, it helps a bunch.

Perhaps you should have put a more narrow filter in the last position, and the 500 Hz in the 9 MHz IF. Then you could use different combos. Me, I always use the 250...and when it gets real tough a MFJ DSP with 50 Hz BW!

73 Tom .

883. Re: ***ONE OF THE BEST HAM WEB PAGES ON THE INTERNET. TRY IT OUT!!***

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: mandtsys@ix.netcom.com
Message-ID: <4do32b$e8m@ixnews6.ix.netcom.com>
Source record: 207008
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.packet,rec.radio.amateur.policy,rec.radio.amateur.space

In <4dlre7$mkr@superb.csc.ti.com> mbv@ti.com (Ken Durham) writes:
>
>In article <4dk7io$kd1@fnord.dfw.net>, dmclean@dfw.net says...
>>
>>Hello all:
>>
>> In the last message that I sent over usenet I forgot to include
my
>>url for my web site. The URL is "http://www.dfw.net/~dmclean".
>~~~~~~
~~~~~`
>I tried this URL yesterday and again this morning with no results.
Netscsape
>keeps contacting the host forever. Please try your page from another
site and
>see if it can be accessed.
>
>Ken Durham K5MBV mbv@ti.com
>

I accessed the site from the Netcom Irvine POP with no problems. Found
some interesting bits and pieces.

Robotic Regards,

Tom Thornton KE6NJC
~~~~~

884. Re: What's a "Boatanchor"?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: payne@iquest.net
Message-ID: <DLG060.39K@iquest.net>
Source record: 207009

smith_j@WVLINK.MPL.COM (Jim T. Smith) wrote:
>In article <Pine.BSI.3.91.960104141748.2867A-100000@cais3.cais.com>, USCG
>TELECOMMS <gttm@cais.cais.com> wrote:
>
>> Any radio that's more than 5 years old is considered a good boat anchor.
>> Be aware though, that there are some exceptions, such as a ts-180s,
>> ic-735, etc; they are not heavy enough.
>
>
>:-))) Just today, a fellow ham called my old rig a boat anchor. The
>Heathkit HW101. This is real amateur radio, when blessed with the
>opportunity to own and operate one of these sets. I would rather own a
>boat anchor than one of the new transitorized radios today. Real amateur
>radio involves doing for yourself, such as building your own antenna beam
>or stringing a long wire from one tree to another...it's a hands on hobby
>with real rewards. I love ham radio and I love the old boat anchors. Just
>my 2 cents worth.
>73's KB8YVN

A boat anchor is a radio that doesn't work, burned up, non fixable,
basket case, (dirty junk that weighs too much to take to the hamfest
to sell for parts). Obviously your HW-101 works, and so does my HW-100,
Heath DX-60, Drake 2NT (YES IT'S A REAL CW RIG!!,An antique curiosity nowadays!)
The tube rigs sound great and are easy to work on, and you dont need a twenty
thousand dollar spectrum analyzer to tune 'em up! We must respect the Hallicrafters,
Nationals, Johnsons and Drakes as they pioneered ham radio as we know it today.
Oh yes...anybody ever heard of a Collins KWM-2? Or anybody ever heard one on the
air? What a big, loud fat signal!! I like the new technology just fine...packets a lot
of fun, but anybody who hasn't played with a genuine warm classic tube rig is
missing a great experience, as well as being educational.

Take care of the HW-101!!

Don Payne WB5IQV/9
Chief Engineer, WZPL-FM
Indianapolis, IN USA

885. mods th48e

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: R.acerbi@pn.itnet.it
Message-ID: <4dnk5r$ung@alpha.it.net>
Source record: 207010

Hi all,
Is there anybody who has any mod. aviable for my "th48e" by Kenwood.
Any help will make me very happy.
IK1SBB Adamo via Acer001@pn.itnet.it (i1nxx).

886. High voltage filter cap for linear

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: swithrow@nyx.cs.du.edu
Message-ID: <4dq1rp$f6o@nyx.cs.du.edu>
Source record: 207011

I am trying to reconstruct a HENRY 2K amplifier (the old original one that has the case like Collins equipment) and would like to replace the HV filter capacitor with something that is close to the original (which has been replaced already in very poor fashion). Is there a source fro these beasts out there? I don't even have a schematic, so don't know the exact value (suspect 16uF at 8000v). The physical size is about 3 3/8" by 7 3/4" by 10"(max) tall with the insulator spacing at 3 7/8". Any help out there?

73,
Skip Withrow - WB0BBE
ah441@freenet.uchsc.edu

887. WTB : Kenwood DG-5 Digital display/tubes for TS-520

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: Phil Hawkins <PHIL_HAWKINS@QMGATE.INCYTE.COM>
Message-ID: <DLFyKB.JIH@incyte.com>
Source record: 207012

I've got a TS-520SE and am looking for parts related to that tranceiver.
##########especially the DG-5 display##################
If anyone can help me out please let me know..... also any information
on the AUX function on that radio would be of help

Phil Hawkins, KA6MZE

888. Yaesu NC-50 charger troubles

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: paulc@fc.hp.com
Message-ID: <4doo40$eqk@fcnews.fc.hp.com>
Source record: 207013

Has anyone out there experienced any troubles charging 12V batteries with the Yaesu NC-50 quick charger?

Here's my situation:

I have a Periphex 12V 800 maH FNB-whatever battery for an FT-530. The battery appears to be fine -- a load test at 100 ma gave me about 8.5 hours of use. The NC 50 wants to put about 800 ma into the battery. When I take a bench power supply and hook it up to the battery through the mini-plug jack, I can get 800 ma charging current at about 14.8V or so (it goes up, obviously, as the battery charges up). All as expected...

My problem:

The NC-50 doesn't want to charge this battery. After plugging it in, the charge light goes on for about 2.5 minutes, then starts flashing. Hooking the NC-50 to the battery directly doesn't change anything. Hooking it through the mini-plug port also makes no difference.

Putting a meter on it indicates that it gives the battery an initial jolt, then waits for a couple of minutes, then ramps the voltage up to about 15 or so, getting the 800 ma to flow. But, it shuts down after about a half-second.

Thanks anyone for any ideas. A Yaesu support person asked me to send the charger in with the battery, which I will probably end up doing...

Thanks,
-Paul C. KG0CZ Fort Collins CO

889. Re: FT-51 computer interface

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: jdv@iglou.iglou.com
Message-ID: <DLG34H.84n@iglou.com>
Source record: 207014

Yves Oesch <oesch@desun1.epfl.ch> writes:

>Hello,
>I heard that it was possible to interface my dual-band handheld
>transceiver (an FT 51-R from Yaesu), with my PC.
>I would like to know:

>- if a programm doing this job is existing

Yes, there is a program to do this. It is called ADMS-1b.

>- if Yes, is it free or shareware
No, it is NOT free or shareware. AES carries it and the interface
cable for $39.00US.

73's
John KF4ERV
--
****
* Defenselessness is a crime which generates it's own punishment. *
* The four boxes of Freedom: Soap, Ballot, Jury, and Ammo. *
****

890. Re: KENNEDY ASSASSINATION

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <822041935snz@microvst.demon.co.uk>
Source record: 207015

In article <4dmp16$5qg@news.rain.org> leigh@rain.org "Leigh" writes:

> What the hell is this doing in a rec.radio newsgroup?

Maybe Oliver Stone is a ham?

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

891. Re: Kenwood TS-870 info

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: "C. J. Hawley" <hawley@aries.scs.uiuc.edu>
Message-ID: <30FFA62C.3FA2@aries.scs.uiuc.edu>
Source record: 207016

John F. Samuels wrote:
>
> See Feb '96 issue of QST. I just ordered one tonight from KJI
> Electronics. Birthday present to replace TS-830. 73, John

What about this overloading of the IF's due to the inability to narrow the passband to less than 3KHz? Seems like one of those things that seldom causes a problem, but hate to have the limitation.

Chuck, KE9UW

892. Re: IC-751 CW Performance

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: jwa@tellabs.com
Message-ID: <1996Jan19.190126.14920@tellab5.tellabs.com>
Source record: 207017

In article <4do8n2$34cf@rs2.ccd.harris.com> dsnowden@ccd.harris.com (Doug Snowden) writes:
>I recently purchased an FL-32 (9mhz if, 500hz `) cw filter for my IC-751.
>After installing it, I was quite disappointed in what I heard. The filter
>didn't seem any better than using passband tuning in cw wide mode.
>Any similar experiences? Could they have put the label on the filter
>--
>Doug Snowden
>dsnowden@ccd.harris.com
>

I don't know about the IC-751, but in order for the PBT to work on an R71
receiver you also need an FL-44.

Jack Albert WA9FVP (Fellow Radio Hacker)
Tellabs Operations Inc.
1000 Remington Blvd Voice (708) 378-6201
Bolingbrook, IL 60440 FAX (708) 378-6721

"I'm normal, I'm normal, I'm normal"!

From MTV's Liquid Television

893. DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: Walt H Reed <ab6re@earthlink.net>
Message-ID: <4dn0t9$eel@argentina.it.earthlink.net>
Source record: 207018

Anyone out there that has a Radio Shack DSP that can give me any info on it. I am interested in purchasing a DSP and saw one at RS yesterday for a great price but don't know out effective it would be compared to the other higher priced ones. Would appreciate any feedback. 73 Walt ab6re

894. Re: Alinco dj-580

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: <>
Message-ID: <4do3la$23pi@ausnews.austin.ibm.com>
Source record: 207019
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In <1996Jan18.121251.1@evax01.d51.lilly.com>, ga19989@evax01.d51.lilly.com writes:
>Greg KO6TH brings up a recurring problem with my DJ-580.... the danged BNC
>connector gets really sloppy... of course, any BNC does this but the 580 seems
>to be worse than others... I made mine worse by hanging a BNC-to-SO239
>transition and an SO239 (UHF) connector to the car's antenna coax so I can
>use the 580 as a mobile... I also got a remote mic so I could lock the HT down
>and not flex the antenna connection
>
>Anybody solved the problem? Yeah, with the Alinco rubber duck there is no stress
>on the BNC connector.... but a rubber duck ain't that hot... and I did not see
>any easy way to replace the BNC
>
>Mel KJ9C
>
>
>> Isn't the "on-air light flashing" the radio's way to tell you that the SWR is
>> too high? I seem to remember that (but of course the manual isn't near by).
>> If so, this could be the "broken center pin on the BNC connector" problem.
>> An easy check is to wiggle the antenna as you receive a moderate signal, and
>> see if it cuts in and out.
>>
>> Fixing the bloody thing isn't that hard, as long as you have steady hands,
>> good eyes, and a very small soldering iron. If you want a blow-by-blow
>> walk through, let me know. I think I've still got the write up I did after
>> my first experience with this problem.
>>
>> Good luck,
>>
>> Greg KO6TH
Hello,
I have a 580 also and twice now my antenna connector had to be worked on.
The first time was just from use. The second time because I dropped the
unit. The way to fix it is to open up the radio and re-solder it back
together. You may need to push the connector up a bit before doing the
soldering. This makes it tight against the case again. Generally when the
connector gets lose, the output of radio drops off.
Larry Schroeder
lschroeder@vnet.ibm.com
KD4HSL

895. try

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: R.acerbi@pn.itnet.it
Message-ID: <4dnk5s$ung@alpha.it.net>
Source record: 207020

```
This is a check of my system.
```

896. FREE DEMO:DXtreme Station Log System V2.0

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: dxtreme@ix.netcom.com
Message-ID: <4dp5i3$mm4@ixnews5.ix.netcom.com>
Source record: 207021

Announcing the DXtreme Amateur Radio Station Log System(tm) Version 2.0

Designed for HF DXers, this affordable logging program lets you enter
your contacts and track the DXCC performance of your station.
DXtreme(tm) features attractive, easy-to-use screens, and a full range of
inquiries and reports.

PC/AT-compatibles, 80386DX+, MS-DOS 5.0+.

Write for a copy of the data sheet and more information, including how
to obtain the free Demo version of DXtreme. Contact me at
dxtreme@ix.netcom.com.

Thanks and 73,

Bob Raymond, NE1I

897. Master II audio problems....help!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: mattstr@primenet.com
Message-ID: <4dpjcr$lv8@nnrp1.news.primenet.com>
Source record: 207022

Hi...my name is Matt, KJ7DX...I am using a Master II GE for a 440
repeater, and when it identifies, it sounds beautiful...but when
someone talks through it, the the audio that I hear on the repeater is
so incredibly noisy, that i can't even tell what he is saying...
If anyone knows how to correct this problem, please let me know.
Thanks...Matt KJ7DX

--
---
mattstr __ __ ____ ___ ___ ____
mattstr@primenet.com /__)/__) / / / / /_ /\ / /_ /
/ / \ / / / / /__ / \/ /___
/---

898. FT-51 computer interface

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: Yves Oesch <oesch@desun1.epfl.ch>
Message-ID: <4do14m$1sa@info.epfl.ch>
Source record: 207023

Hello,
I heard that it was possible to interface my dual-band handheld
transceiver (an FT 51-R from Yaesu), with my PC.
I would like to know:

- if a programm doing this job is existing
- if Yes, is it free or shareware
- if not shareware, where can i find it?
- In case i can find it, how must I physically connect the TX to the PC
(which pin of the serial port is connected to which coooector(jack) on
the radio)

That's make a lot of questions in a time. If someone knows anything
about one of this subjects, I would be very happy to receive a short
E-Mail from him (her).

Thanks a lot and best 73

HB9VJV / Yves oesch (oesch@desun1.epfl.ch)

899. Re: Opinions on the TenTec Scout?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: <>
Message-ID: <4do5fr$ft3@mozz.unh.edu>
Source record: 207070

>My main concerns revolve around receiver performance, and a comment
>someone made about the Scout's poor performance on CW.

Steve:

(background: owned a Scout, loved it, done mobile CW, used many TEN-TECs)

The receiver is less sensitive (by 20 microvolts or so) than many
higher performance radios, but to me this was barely perceptible to me
in practice. I noticed no problems with the CW performance on
transmit or receive, though I heard rumors of VFO drift on transmit
(in fact, this is even warned about in the manual), but I never
experienced this problem (according to those I QSO'd with). The
variable bandwidth "Jones" filter is certainly adequate for most
situations, but I found its performance not as good as crystal filters
on other TEN-TECs I have used.

In short, it's a terrific CW radio for the money, and it performs well
enough to be my only base station (or it did until I replaced it with
a higher performance TEN-TEC, but I pay the price). The combination
of built-in goodies and simplicity gives you alot of bang for the
buck. There are definately better performance radios, however.

-Drew

_____ _ _ _ _
Andrew M. Moore moore@moore.sr.unh.edu NV1B CFO#963 QRQ CW || o ||

900. Re: WANTED - DECENT SOFT CASE FOR RADIO SHACK HTX-202

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: cosmo@spyder.net
Message-ID: <4dmqqo$tcv@ns2.spyder.net>
Source record: 207071

If you look in there catalog you will find that you can order a leather
case thats made for the 202 for $30+$3s.h.
I bought this case, and even the the price is a little high,it's worth it
Also, if you check in the store and look at there Radio Unlimited catalog
you wii find a leather case for the 202 for $10,but there is no picture
of it.

901. IC 706 2 meter Mars mod.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: wave@mindspring.com
Message-ID: <4dn502$f3f@brickbat.mindspring.com>
Source record: 207072

DOes anyone know which IF or Driver stage on the IC-706 is being turned off when the radio goes outside the ham 2 meter band?

thanks, 73's
Pieter

902. Re: KENNEDY ASSASSINATION

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: leigh@rain.org
Message-ID: <4dmp16$5qg@news.rain.org>
Source record: 207073

Richard Chad O'Connor (richardc@slip.net) wrote:
: On November 22, 1963 Israel's Mossad collaborated with the CIA in
: the assassination of President John F. Kennedy because of JFK's
: behind-the-scenes efforts to stop Israel from building the nuclear

: charge your order to your Visa or MasterCard, or mail $20 per copy of
: FINAL JUDGMENT to
: LIBERTY LIBRARY
: 300 Independence Avenue, S.E.

What the hell is this doing in a rec.radio newsgroup?! Fascist neo-nazi anti-semitic, lunatic-fringe drivel disgusts me...

--Leigh Marrin/KM6JE.

903. Re: ***Ham WEB page For all people to use! WITH ADDRESS! Give it a TRY***

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: vbook@vbook.com
Message-ID: <4dn3bb$amu@news.accessone.com>
Source record: 207074
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.packet,rec.radio.amateur.policy,rec.radio.amateur.space

In article <4df6ek$40k@fnord.dfw.net>, dmclean@dfw.net says...
>
>
>Hello to all:
>
> Come a take a look at my new web page. I have been working on it for
<snip>
>Hope you like what I have. the address is http://www.dfw.net/~dmclean
>
>--
> David Mclean
> From The World of Hamradio
> KC5NNV is Clear!
>_____

And after you visit his, come visit Ham Radio Online - feature stories, newsletters, real-time propagation and auroral condition information, newsletters, product reviews, and so much more! Updates almost daily.

http://www.accessone.com/~vbook/hronline.htm

Have fun and enjoy,
Ed, KF7VY
---
personal email to vbook@vbook.com
Visit Ham Radio Online, it's free, at
http://www.accessone.com/~vbook/hronline.htm

904. D104 etc for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: mitchell@scoot.netis.com
Message-ID: <DLEoEu.uw@arrow.netis.com>
Source record: 207075

I am upgrading my old 386dx40 system to a Pentium system. In the
process
I have many usefull parts to try to peddle. The items are listed below
and priced to go fast. They will be sold first come first serve.
Get back to me fast or make offer if only kinda interested.

1 meg 32 pin simms $20 each Have 4

IO card providing 2 com ports $3

80mb scsi hard drive as is $7 1 meg segment on hd is bad, but I
just partitioned it off and use the other 79 no problem.

Samsung data monitor, color cga with vga adaptor plug $15

XT computer only no monitor or keyboard all else there.$18 or make
offer!!!!!!

SCSI controller cable. 3 feet or so long. $3 ($5 to $15 new)

brand new dual floppy drive. 5 1/4 and 3 1/2. Fits in 5 1/4 size bay
Just one floppy sells for$45new. This went $120 new asking $55

2 working printers. Both have manuals and work fine.
Toshiba Expresswriter 420
Star SG 15

I will sell them for $40 each or both for $70

Also have

D104 microphone $30
40ch Pierce Simpson cb mobile set $15
several 23 channel cb mobile sets $7

905. Re: 2 Meter Converter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: pbutlalj@ia.net
Message-ID: <4dn7oa$8a7@hera.ia.net>
Source record: 207076

In article <4djeb2$noe@jethro.Corp.Sun.COM>, aga@mandalay.corp.sun.com says...
>
>I'm planning on building an OSCAR Ground station, bit by bit, starting with
>a solid 2 meter receive setup, using my HF SSB Transceiver as a tunable IF.
>What would be a good 2 meter converter?
>
> Tony,

I would recommend going with the Down East Microwave transverters.
The design is very solid and easy to build up from the kit if you would want to do that. They also sell the units already assembled. For information from them look for their advertisements in the Amateur radio magazines. They do not advertise in every issue.

>Also will eventually need a 432 mhz up link transverter and amp.

Here again it would likely be a good thing to use a Down East converter. This converter that they make has 25 to 30 watts output and it may be possible that an amplifier would not be needed for the uplink.

--
Allan Butler KA0IES
ajbutler@ia.net
http://www.rf.org/farmers/ka0ies.html

906. Re: TEN TEC Six Meter Kits

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: kingbp@ka1fqt.mv.com
Message-ID: <DLEpoH.5q0@mv.mv.com>
Source record: 207077

Chet,

Don't know why there is a restriction. The IC-706 puts out 100w on 6m and the DX-70T puts out 10w on 6m. Perhaps a call to Ten-Tec in the morning will clear that up. I'm also thinking seriously about getting this kit in May. By the way I live over in Merrimack so perhaps I'll meet you on 6m someday!

73's

Bryan

907. Service Manual for FT757GX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: simonb@werple.net.au
Message-ID: <4dn80u$fvv@eplet.mira.net.au>
Source record: 207078

Hello

I can not find obtain service manuals for my FT757GX and if anybody would
sell or sell me a copy of this I would be very greatful.

Please email

simonb@mira.net.au

Thanks

Simon Brown
VK3MEQ
73's

--

```
**********************************************************************
* *
* Werple public access UNIX, Melbourne, Australia. *
* *
* Simonb@werple.mira.net.au *
* 160595 *
**********************************************************************
```

Hi :).

908. Re: ***Ham WEB page For all people to use! Give it a TRY***

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: g_reed@icon.net
Message-ID: <N.011896.181400.63@icon.net>
Source record: 207079
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.packet,rec.radio.amateur.policy,rec.radio.amateur.space

> Hello to all:
>
> Come a take a look at my new web page. I have been working on it for
> the last 4 weeks. I have lots of thing that you will like. Some of the
> things that I have are: MODs, Swap Shop, Dfw repeter list, comment page,
> links to other good ham pages, call looks ups (updated by the sec), radio
> pricing, Links to QRZ,FCC,HRO, and many more. If you are a ham and would
> like you web page added to my list just send me e-mail. Please tell me
> what you like and dislike about the page. I want all types of comments.
> Hope you like what I have.
>
> --
> David Mclean
> From The World of Hamradio
> KC5NNV is Clear!
> ____
> ---
>
>

David,
Sounds like you have a good thing started. How 'bout the address?

<><><><><><><><><><><><><><><><><><><><><><><><><><><><><>
<> Glenn Reed <>
<> OK Wing Communications - C.A.P. <>
<> Sooner 44 <>
<> KF5XB <>
<><><><><><><><><><><><><><><><><><><><><><><><><><><><><>
Note: The above remarks do not necessarily
represent those of anything sentient.

909. Re: DSP on a VHF repeater

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: "John F. Samuels" <74752.3375@CompuServe.COM>
Message-ID: <4dn8pn$f3e$1@mhadf.production.compuserve.com>
Source record: 207080

re DSP units in FM repeaters: I built and installed a W9GR
"Quantics" unit on the Rockland Repeater Association's main
repeater on 147.165 in Nyack, New York about two years ago.
Rather than leaving it in the circuit all the time (see note
about it degrading full quieting audio) I installed a DPDT relay
in place of the on-off switch and placed the relay under
touch-tone control by members. Now on weak signals the DSP does
wonders, as long as there is sufficient audio. I guess there is
a one "Q" unit difference - a Q3 signal becomes Q4, etc. After 5
minutes of repeater inactivity the DSP unit goes back off-line.
John, K2CIB

--
John F. Samuels, K2CIB @ W2DMC.#ENY.NY.USA.NOAM
Internet: 74752,3375 @ COMPUSERVE.COM

910. Re: Kenwood TS-870 info

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: "John F. Samuels" <74752.3375@CompuServe.COM>
Message-ID: <4dn8su$f3e$2@mhadf.production.compuserve.com>
Source record: 207081

See Feb '96 issue of QST. I just ordered one tonight from KJI
Electronics. Birthday present to replace TS-830. 73, John

--
John F. Samuels, K2CIB @ W2DMC.#ENY.NY.USA.NOAM
Internet: 74752,3375 @ COMPUSERVE.COM

911. Re: Alinco dj-580

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: wally@pop.uky.edu
Message-ID: <1405.6591T1410T843@pop.uky.edu>
Source record: 207082

>Isn't the "on-air light flashing" the radio's way to tell you that the SWR is
> too high?

No, the on-air light means that the PLL can't lock.. Such as when there is
a problem with the PLL, or the radio is really far out of band. Same as the
receive PLL when the second dot flashes for a few seconds when you RX out
of band until it locks onto frequency.

> I seem to remember that (but of course the manual isn't near by).
>If so, this could be the "broken center pin on the BNC connector" problem. An
>easy check is to wiggle the antenna as you receive a moderate signal, and see
>if it cuts in and out.

This could be the case for the unlocking problem, however I believe that it
was mentioned that one band will RX and the other TX, but not both. This
leads me to believe something fairly drastic has happened to the radio.

>Fixing the bloody thing isn't that hard, as long as you have steady hands,
>good eyes, and a very small soldering iron. If you want a blow-by-blow
>walk through, let me know. I think I've still got the write up I did after
>my first experience with this problem.

If this doesn't work, send it to Alinco.. If you're lucky their repair bill
plus $100 won't buy you a new one like the bill they're trying to charge ME
with.

>Good luck,

Same here..

912. Ham Radio Online Magazine Jan 18th Edition

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: vbook@vbook.com
Message-ID: <4dn8us$coe@news.accessone.com>
Source record: 207083
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.equipment,rec.radio.amateur.antenna,sci.electronics,rec.radio.scanner,rec.radio.shortwave

Ham Radio Online is an international magazine, available on the
Internet at http://www.accessone.com/~vbook/hronline.htm - and it is FREE!
We do not accept ads nor donations. Our interest is in promoting an
interest in radio telecommunications. To that end, we present a high quality,
classy Internet magazine on all aspects of communications.

Ham Radio Online is not just pointers to cyberspace but contains real live
content - newsletters, feature stories, real-time ionospheric and auroral
conditions, real-time global earthquake, volcanic and weather information, plus
more.

The table of contents changes almost daily. Here is what part of the contents
look like on January 12, 1996:

Feature Stories Online

JANUARY 1996 - with MORE TO COME!
** coming this weekend
** Product reviews of HFx and ASAPS HF propagation prediction software
** More ATV and other topics
FCC Reopens - Special instructions for VECs
Metricom's Ricochet Packet Radio Network
Sports Illustrated's THE BATTLE OF THE HAMS
SPARTAN Packet Radio Experiment Teacher's Guide
STS-72 Shuttle Endeavour has launched, carrying SPARTAN Experiment!
Preliminary SPARTAN Orbital Elements
ATV: VSB vs DSB and why you need an antenna filter
Nominations for Young Ham of the Year due
New Humor Section!

NOVEMBER-DECEMBER 1995
Adding a 100 watt ATV Amp to 10 watt ATV Xmtr
Discussion of ATV Bandwidth
Shortwave Broadcasters See Big Cutbacks
Spartan Ham Packet Radio Experiment on Shuttle Launch in January
Exclusive! Extensive Flooding in Western Washington - Hams Busy
Reports from the Comdex Trade Show
Motorola building Amateur Gear?
More Ham Bands Up for Grabs to Landmobile?
Discovery Channel Filming at AMSAT Labs - with exclusive photos!
Solar Power and 12 volt Battery Systems
The Magic of Radio

Emergency Communications Online

Real-Time World-wide Earthquake and Severe Weather Conditions

Propagation Conditions Online

Real-time IPS foF2 Ionospheric Propagation Forecast Chart
Real-time IPS Solar Data
Real-time Aurora Conditions
ARRL propagation forecasts
Today's Space Weather Forecast
Meteor Shower Information
Daily 2800 MHz Solar Flux Readings

Newsletters Online

IPS Propagation Report for 18-20 Jan
Amateur Radio Newsline Jan 16
Ohio/Penn DX Bulletin Jan 15
Ham Radio and More National Talk-In Show Schedule
Australian National Amateur Radio Teletype Society 14 Jan
Radio Society of Great Britain News 14 Jan
The ARRL Letter Jan 12
Amateur Radio League of Alberta Weekly News Jan 12
ARRL DX Report Jan 11
Spacenews Jan 8
VK2WI Australia Weekly News 7 Jan
Announcement: Alberta Wild Rose Award Available 1 Jan 96

Ham Radio Resources Online

The Ham Radio Online Library
Commercial Products Directory
Other Amateur Radio sites on the Internet

Broadcasting/Shortwave Online

The AM DX Newsflash Newsletter, Jan 11 and 18 editions
With More to come!

We've put this together to present a positive perspective on Ham Radio to web surfers who stumble in on ham radio on the Internet. For us, its an experiment in electronic publishing and an extension of our amateur radio hobby. Have fun! Enjoy the web site! And come visit us again!

73, Ed, KF7VY
vbook@vbook.com
edmitch@aol.com

---
personal email to vbook@vbook.com
Visit Ham Radio Online, it's free, at
http://www.accessone.com/~vbook/hronline.htm

913. FS: KPC-2 Packet Controller

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: "Robert J. Hall" <rjhall@mtu.edu>
Message-ID: <Pine.SUN.3.91.960119012307.23835A-100000@techsrv1.tech.mtu.edu>
Source record: 207084

Hello .. I have decided to sell my KPC-2 Packet radio TNC and
Regency BTH-201B 25 Watt VHF Tranceiver crystalled to 145.01 MHZ.

I am asking $100 for the KPC-2 ALONE.
The KPC-2 With the REGENCY BTH-201B radio I am asking $170.
I will also be asking $5 for Shipping.

The Regency base station is all ready to go and is Currently wired and
working well with the KPC-2. The base station has it's own built in
Power supply. Regency BTH-201B 25 Watt VHF Tranceiver crystalled to
145.01 MHZ.

I am not interested in selling the radio seperate from the TNC, but would
be interested in selling the TNC alone. If I don't sell them I'll
continue to use them, and If I don't sell the radio with it, I'll crystal
it for voice and use it there.

The KPC-2 has version 2.85 firmware and has PBBS, NODE, and DIGI
functions. It's run well for the last 4 years without ever having a
problem. It originally cost $170. I orginally purchased the Regency
about 2 years ago from a friend for $60 and recrystaled and tuned it for
another $30 from Jan Crystals. It works well and also has never given me
any problems.

I don't normally have time to monitor the news groups so any response to
this should be via e-mail or phone listed below.

\\\\
(o o)
-----oOOO---(_)---OOOo---------------------
| |
| Rjhall@mtu.edu |
| 906-487-0198 |
| 228 W. McNair Hall |
| Michigan Technological University |
| Major: Electrical Engineering Technology |
----

914. Re: TEN TEC Six Meter Kits

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: Chester Bowles <bowles@cmf.org>
Message-ID: <4do3g0$8hd@news.monad.net>
Source record: 207085

Dave Feldman, WB0GAZ, wrote to suggest that it may have something to do with the restriction against 25-60 MHz amplifiers--in other words, the CB ban, which is why there are no amplifiers for 10 Meters. He's probably right, but it's too bad. Five watts mobile on 6 Meters just can't be enough to be effective, particularly given the small number of 6 Meter repeaters.

Chet, AA1EX

--

--
CHESTER S. BOWLES	Education, rehabilitation, housing,
Vice President	and managed care for children,
Crotched Mountain Foundation	adolescents and adults with physical
One Verney Drive	and developmental challenges.
Greenfield, NH 03047	http://www.cmf.org
603.547.3311 ext. 404	bowles@cmf.org
--

915. Re: New Vocal Eliminator Algorithm

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: "Lacy Thompson Jr." <ltsound@atl.mindspring.com>
Message-ID: <4do8bf$7n7@brickbat.mindspring.com>
Source record: 207086

A new Vocal Eliminator algorithm which allows for even more vocal elimination than LT Sound's State of the Art VE3+ will be introduced in early 1996. Persons interested in finding out more about the Thompson Vocal Eliminator(tm) are invited to visit our home page at http://www.mindspring.com/~ltsound/lthome.htm or e-mail a catalog request to ltsound@mindspring.com
The VE3+ contains State of the Art Vocal Elimination, Key Transposition, and Vocal Enhancement in one compact unit. The Thompson Vocal Eliminator(tm) allows users to remove the vocal from standard stereo recordings producing inexpensive, instantly available background music from the original standard recording. Software upgrades occur approximately every 6 months. Current owners of the VE3+ will be able to upgrade their software for a nominal charge of $25.

916. Ten-Tec & 6-meter amps

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: an142028@anon.penet.fi
Message-ID: <163310Z19011996@anon.penet.fi>
Source record: 207087

>From: Chester Bowles <bowles@cmf.org>
>Newsgroups: rec.radio.amateur.equipment
>Subject: TEN TEC Six Meter Kits

>but said FCC regulations did not permit
>the extra power module to be sold for the six meter version. What's that
>all about?

I happened to be talking to them (Ten-Tec) on the 'phone,
and asked about 6-meter amps, and the response was that any
transistor which would work well at 50 MHz would work *GREAT* at
11 meters. The fear is that someone could change the component
values in the tuned circuit (probably by just padding the
capacitance) and presto! - instant 11-meter mobile "brick."

According to what I was *TOLD*, manufacturers of legitimate
solid-state HF amplifiers use devices which die above 25 MHz to
prevent a "hacker" from using them on 11 meters, but since a 50 MHz
"brick" wouldn't be that far away in frequency and would no doubt
have a device which works well at 27 MHz, the risk is high. A
2-meter brick, though, is far enough away in frequency that more
extensive mods would be necessary to make it work at the lower
frequency, so the risk is lower.

The only problem I have with this line of reasoning is that
Mirage sells a 160-watt 6-meter brick.....

FWIW.....

73,

Paul, K4MSG

(|_|) Paul H. Bock, Jr. K4MSG Internet: pbock@melpar.esys.com
| |) Principal Systems Engineer Telephone: (703) 560-5000 x2062

"You can have my bug when you can pry my cold, dead fingers from
around it....." - anonymous radiotelegraph operator

--****ATTENTION****--****ATTENTION****--****ATTENTION****--***ATTENTION***
Your e-mail reply to this message WILL be *automatically* ANONYMIZED.
Please, report inappropriate use to abuse@anon.penet.fi
For information (incl. non-anon reply) write to help@anon.penet.fi
If you have any problems, address them to admin@anon.penet.fi

917. Re: Opinions on the TenTec Scout?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: nfourlq@sellington.win.net
Message-ID: <36@sellington.win.net>
Source record: 207088

Here are some FACTS I have gathered about the Scout from actual on
the air experience.

1. There is no band switch. A plug-in module for each band must be
pruchased. If all 9 are purchased, the cost of the Scout is close
to that of a low end import rig.

2. I have had QSO's with three cw stations who have returned their
Scouts for a refund because of poor receiver performance.

3. When used mobile, they are very voltage sensitive. On cw their
frequency constantly changes as engine speed changes.

4. Using fast cw, the frequency will change slowly, up and down
about 50hz.

5. I visited Ten-Tec's factory and asked the engineer about the
frequency drift problem. He acknowledged the problem but offered
no solution.

6. It is very simple to operate and has good QSK.

7. It is not the smallest rig available. The IC-706 is smaller.

8. Receive current drain is not all that low and would not make a
good choice for portable battery powered rig.

9. The controls feed cheap compared to the import rigs.

10 Ten-Tec is a wonderful company to do business with. I highly
recommend them.

11. Power output is 50 watts vs. 100 for the imports.

12. 50 watts is only 3db down from 100.

73 Steve N4LQ

In article <4dh6uf$lof@nuclear.microserve.net>, Steven Gray
(sgray@mail.microserve.net) writes:
>I read, quite a few months ago, a series of comments about the TenTec
>Scout. I haven't heard much in the way of commentary about the rig
>recently, and since I am considering purchasing one, I would appreciate
>any and all feedback on the rig anyone would care to pass along.
>
>My main concerns revolve around receiver performance, and a comment
>someone made about the Scout's poor performance on CW.
>
>Thanks for your help!

>
>---Steve Gray
>nr3b
>sgray@ugly.microserve.net
>

918. Re: POLL: What is the best dual band mobile antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan19.160017.6518@ke4zv.atl.ga.us>
Source record: 207089

In article <4dhp5t$u3@gold.niia.net> skeller@niia.net writes:
>I will be hitting the hamfest trail this winter and spring (hopefully
>Dayton), and I want to get the best mobile antenna that I can buy for
>146MHz/446MHz. I want the antenna to especially perform well on 70cm,
>because this is the band that I use the most. I am willing to spend
>as much money as necessary, but I want performance. I see the Comet
>antennas and Diamonds, and I wonder if they are really worth the
>money. I really tend not to believe the gain figures that they put
>on, so I would like so real world feedback.

I don't believe the gain numbers either, but I really like the
Comet dual band antennas. To show how much I like them, I retired
my Larsen dualbander in favor of the Comet. For many years, Larsen
has been the standard by which all other mobile antennas are judged,
and it may still hold a slight performance edge, but the Comet
mechanics and esthetics are superior in my opinion.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

919. Re: Who makes/sells go 2 Meter OSCAR LNA's ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan19.162036.6642@ke4zv.atl.ga.us>
Source record: 207090

In article <4d3q31$ghl@taxis.corp.titan.com> Mark Monte <mmonte@linkabit.titan.com>
writes:
>Am curious to hear some advice from some of you experienced folks who
>know who has the best one to buy. Or maybe suggestions on whether or
>not I should build it myself.

You can fairly easily build one yourself, Mark, but tuning it for
best noise figure might be difficult unless you have the right
equipment, or know someone who does. I like the SSB Electronics
preamps, but the Advanced Receiver Research and Landwehr units work
well too. I've used all three.

Manual TR switching via a sequencer is better than RF sense switching
for ultimate performance, but if you are running modest Tx power, RF
sense switching will suffice. It does leave the preamp vulnerable to
lightning, however. You really want the preamp out of the line when
you aren't listening. That way, when you shut down, the preamp isn't
exposed to lightning induced transients. No one is going to climb their
tower to disconnect the preamp in a storm, so having it disconnect itself
when power is removed is a plus. With the ARR preamps, it is a *necessity*,
since they have little (none really) built in transient protection.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

920. Re: Erickson GE Monogram Commercial 40 Watt Mobile For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: Toan Dang <tpdang@puc.edu>
Message-ID: <Pine.BSD/.3.91.960119104707.26680C-100000@ecf2.puc.edu>
Source record: 207091
Cross-posted to: rec.ham-radio,rec.ham-radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap,rec.radio.scanner,alt.radio.scanner

What is the MODEL ### (on the back of the radio)??????

please forward it to me... thanks... Also, do you have the programing
cable and software for it, and interface box????

On Fri, 19 Jan 1996, Scott Leaf wrote:

> Erickson GE Monogram Commercial 40 Watt FM Mobile For Sale.
> Very Rugged up to 16 channel EPROM progamable.
> Frequency Range 136 Mhz - 174 Mhz
> All options Duplex, tones, scan, etc.
> Currently has 16 Marine channels programmed:
> 6,8,9,11,12,15,16,18,20,22A,68,69,70,72,79,80A.
> Perfect for small business in need of a high quality mobile to communicate
> with base or for pleasure boater who requires these already programmed
> frequencies.
>
> Asking $300 cdn (current US Exchange is aprox 36% in your favour)
>
> open to offers of trade for Amateur equipment, like 2M mobile, 6m Mobile,
> HF mobile, etc.
>
> --
> Scott Leaf VE7ZVZ CN89os
> ve7zvz@dowco.com
> Port Coquitlam, British Columbia, Canada
> Mountain DX Club - "To boldy VHF where no ham has VHFed before"
> Coming up Summer '96 DX-pedition to rare grid CO80, on 6M, 2M & 70cm
>
>

- Toan Dang
Pacific Union College
103 Grainger Hall
Angwin, Ca 94508-9797
(707) 965-6253

921. Re: DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan19.172903.6960@ke4zv.atl.ga.us>
Source record: 207092

In article <4dn0t9$eel@argentina.it.earthlink.net> Walt H Reed <ab6re@earthlink.net> writes:
>Anyone out there that has a Radio Shack DSP that can give me any info on
>it. I am interested in purchasing a DSP and saw one at RS yesterday for a
>great price but don't know out effective it would be compared to the other
>higher priced ones. Would appreciate any feedback. 73 Walt ab6re

The noise reduction mode is worthless, but the auto-notcher and the
various selectivity functions work as expected. At the sale price,
it's worthwhile, but if you want noise reduction, you're going to have
to buy one of the better units.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

922. WTB: 500w+ 2m amp

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: Michael@diamonds.batnet.com
Message-ID: <Michael-1901961138550001@diamonds.batnet.com>
Source record: 207093

I'm looking for a 2m amp which will give at least 500w out with reliable operation in key down, 24hr/day service. Prefer tube amp. Also need matching network which can handle the amp's output. Thanks in advance.

Michael Pinneo

923. Need Clegg FM-27B manual + any Clegg info

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: rreames@ix.netcom.com
Message-ID: <4dp6ke$qhn@ixnews6.ix.netcom.com>
Source record: 207094
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

I'm still looking for a schematic or whole manual for an old
Clegg FM-27B, which was one of the first 'synthesized' 2 meter
FM transceivers. It was manufactured about 1971-1973.

Any tibits, remembrances, problems, etc. would also be appreciated
as I am putting together an article on restoring early solid-state
ham gear.

Please email to 'rreames@ix.netcom.com' or 'randy@aztek.com'.

Thanks
Randy Reames
WA0TKO
3409 E. 118th Way
Thornton, Co. 80233

924. Erickson GE Monogram Commercial 40 Watt Mobile For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: ve7zvz@dowco.com
Message-ID: <ve7zvz-1901960145370001@ppp41.dowco.com>
Source record: 207095
Cross-posted to: rec.ham-radio,rec.ham-radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap,rec.radio.scanner,alt.radio.scanner

Erickson GE Monogram Commercial 40 Watt FM Mobile For Sale.
Very Rugged up to 16 channel EPROM progamable.
Frequency Range 136 Mhz - 174 Mhz
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Currently has 16 Marine channels programmed:
6,8,9,11,12,15,16,18,20,22A,68,69,70,72,79,80A.
Perfect for small business in need of a high quality mobile to communicate
with base or for pleasure boater who requires these already programmed
frequencies.

Asking $300 cdn (current US Exchange is aprox 36% in your favour)

open to offers of trade for Amateur equipment, like 2M mobile, 6m Mobile,
HF mobile, etc.

--
Scott Leaf VE7ZVZ CN89os
ve7zvz@dowco.com
Port Coquitlam, British Columbia, Canada
Mountain DX Club - "To boldy VHF where no ham has VHFed before"
Coming up Summer '96 DX-pedition to rare grid CO80, on 6M, 2M & 70cm

925. Help - Replacing Lithium battery!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: ham@w3eax.umd.edu
Message-ID: <4do8mq$799@cville-srv.wam.umd.edu>
Source record: 207096

I have a Yaesu FT-2400H 2m mobile; the lithium battery is dead.

This is not a problem - if you take the front of the radio off,
it's very easily accessible.

HOWEVER, the item is surface-mounted AND (this is the kicker)
straddles an IC. Indeed, I believe it to be DOUBLE-SIDED
TAPED to the IC.

Has anyone ever replaced this particular or similarly-installed
battery? What would you do to avoid damage, short of sending it
back to Yaesu?

Thanks!
--
Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 40-10/6/2/440
** Yes, you CAN do VHF contests with 25W and omni antennas **
Still stuck at 138 countries confirmed on HF w/dipoles...
72 & 73 from suburban DC 301-549-1022 (h) 301-982-1015 (w)

926. Selling Pro-2035 Cheap!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: n9mxt1@aol.com
Message-ID: <4do9ac$hhq@newsbf02.news.aol.com>
Source record: 207097

Hello,
I am selling a PRO-2035 base scanner....

It covers 25MHz - 520MHz & 760MHz - 823.995 & 849.995 - 1300MHz

Almost brand new and still in warrenty!! Have manuels and all.....except the box.

In Radio Shack a enw Pro-2035 is going for $499. I am Selling it for $300 + shipping!

I work via COD... or I get the check first and wait 10 days! So, if that is a problem sorry!!!

f interested leave me email here.... thanks!

N9MXT1 - Jeffrey
N9MXT - Jeffrey

927. Re: ***Ham WEB page For all people to use! Give it a TRY***

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: Markus Buehler <mbuehler@access.ch>
Message-ID: <4domov$inl@pacifica.access.ch>
Source record: 207098
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.packet,rec.radio.amateur.policy,rec.radio.amateur.space

Hello
Thanks for your work.
I have some troubles to find your page...
Adress ??
So long
Greetings from HB9CPW, Switzerland

928. Re: DSP on a VHF repeater

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: Bill Harwood <harwood@sirius.chinalake.navy.mil>
Message-ID: <DLG1wo.KxH@avalon.chinalake.navy.mil>
Source record: 207099

John F. Samuels <74752.3375@CompuServe.COM> wrote:
>re DSP units in FM repeaters: I built and installed a W9GR
>"Quantics" unit on the Rockland Repeater Association's main
>repeater on 147.165 in Nyack, New York about two years ago.
>Rather than leaving it in the circuit all the time (see note
>about it degrading full quieting audio) I installed a DPDT relay
>in place of the on-off switch and placed the relay under
>touch-tone control by members. Now on weak signals the DSP does
>wonders, as long as there is sufficient audio. I guess there is
>a one "Q" unit difference - a Q3 signal becomes Q4, etc. After 5
>minutes of repeater inactivity the DSP unit goes back off-line.
>John, K2CIB
>
>--
>John F. Samuels, K2CIB @ W2DMC.#ENY.NY.USA.NOAM
>Internet: 74752,3375 @ COMPUSERVE.COM

One of the DSP manufacturers, TIME WAVE (I think), has been advertising
a new DSP which includes modes for wider band audio; that is FM and AM.
This probably fixes the problem with losing repeater audio quality for
full quieting signals but stills takes out sizzle from lower level
signals

\---/
\ Bill Harwood U play it, I'll dance it /
\ AB6DY or /
\ I'll play it, U dance it /
\---/

929. Re: Ten-Tec & 6-meter amps

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4dou9o$okg@mksrv1.dseg.ti.com>
Source record: 207100

In article <163310Z19011996@anon.penet.fi>, an142028@anon.penet.fi says...
>
(snip(
> The only problem I have with this line of reasoning is that
>Mirage sells a 160-watt 6-meter brick.....
>
> 73,
>
> Paul, K4MSG
>

Hi, Paul. I wonder if the Mirage amp has
frequency-sensitive tuned circuits on the
input and output that are difficult to
re-engineer? They must have done something
significant to convince the FCC to give
them Type Acceptance on their amp...

Hmmm....
73,
Dean KC5NG

930. Re: New All Band Mobile Antenna for IC-706 HF+6m+2m Rig-->Comet CA-HV

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: Bill Harwood <harwood@sirius.chinalake.navy.mil>
Message-ID: <DLG1GL.KpL@avalon.chinalake.navy.mil>
Source record: 207101

This antenna is mighty short for an HF antenna. Should be just better
than a dummy load. If it is all the height you can spare it is better
than nothing.

Good Luck

```
\-----------------------------------------------------/
\ Bill Harwood U play it, I'll dance it /
\ AB6DY or /
\ I'll play it, U dance it /
\-----------------------------------------------/
```

931. FS: Kantronics KPC-9612

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: richardl@adobe.com
Message-ID: <4dp97r$9ro@enquirer.mv.us.adobe.com>
Source record: 207102
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

FS: Kantronics KPC 9612 with box and all papers.
Soldered capacitor to DIN-9 connector with 3.5 millimeter
for mic jack and 2.5 mm for speacker jack on Kenwood
handheld no cover. Also soldered power lug to 9-volt
battery snap. Will ship whole deal or unsolder the
parts for you. Works perfectly. Used only about 1 week.

$180 (includes shipping in continental US)
Will not entertain offers from outside continental US
richardl@adobe.com

932. Erickson GE Monogram Commercial 40 Watt FM Mobile For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: ve7zvz@dowco.com
Message-ID: <ve7zvz-1901961428160001@ppp44.dowco.com>
Source record: 207103
Cross-posted to: rec.ham-radio.swap,rec.radio.amateur.equipment,rec.radio.swap

Erickson GE Monogram Commercial 40 Watt FM Mobile For Sale.
Very Rugged up to 16 channel EPROM progamable.
Frequency Range 136 Mhz - 174 Mhz
All options Duplex, tones, scan, etc.
Currently has 16 Marine channels programmed:
6,8,9,11,12,15,16,18,20,22A,68,69,70,72,79,80A.
Perfect for small business in need of a high quality mobile to communicate
with base or for pleasure boater who requires these already programmed
frequencies.

Asking $300 cdn (current US Exchange is aprox 36% in your favour)

open to offers of trade for Amateur equipment, like 2M mobile, 6m Mobile,
HF mobile, etc.

--
Scott Leaf VE7ZVZ CN89os
ve7zvz@dowco.com
Port Coquitlam, British Columbia, Canada
Mountain DX Club - "To boldy VHF where no ham has VHFed before"
Coming up Summer '96 DX-pedition to rare grid CO80, on 6M, 2M & 70cm

933. TSCM Counter Surveillance & Technical Security Page

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-19 00:00:00 UTC
From: jmatk@tscm.com
Message-ID: <jmatk-1901962351260001@jmatk.tiac.net>
Source record: 207104
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,misc.legal.computing,comp.security.unix,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,rec.radio.amateur.policy

Here is the current list of frequencies used for bugging, technical surveillance and similar activities.

If you have any additions please E-mail them to us. mail:jmatk@tscm.com

also, check out the NEW usenet group: news:alt.security.tscm

http://www.tscm.com/

http://www.tscm.com/bugfreq.html

==========

Major "Real-World" Bugging Frequencies

Common Wireless Bugs (Low Power - Well under 35-50 mw)

44.500 - 51.000 mhz "Baby/Room" monitors
72.100 - 75.400 mhz Hearing Assistance systems
54.000 - 150.000 mhz "Kit" Bugs

98.000 - 108.000 mhz Cheap out-of-band FM Bugs
112.000 - 142.000 mhz Cheap out-of-band FM Bugs
140.000 - 160.000 mhz Cheap out-of-band FM Bugs

60.000 - 320.000 mhz Low Cost kit bugs
398.000 - 406.000 mhz DECO Bugs (398.600/605, 399.450/455, 399.025/030, 406mhz)
25.000 - 450.000 mhz European/English Kit Bugs

150.000 - 216.000 mhz Typical VHF "Body Wire" & Pro-Grade Bugs
109.000 - 140.000 mhz Digital VHF Pro-Grade Bugs
138.000 - 174.000 mhz Typical "Spy Shop" & LE Cheap VHF Bugs (155-172 Popular)
140.000 - 150.000 mhz Popular Xandi Flea power kits (143/144mhz)
150.000 - 170.000 mhz Popular Japanese Flea power kits (under 5mw)

150.000 - 220.000 mhz Commercial Wireless Microphones
169.000 - 172.000 mhz 47 CFR 90.265 Authorization *** VERY Popular ***
174.000 - 216.000 mhz 47 CFR 2.106 (NG115) Authorization
395.000 - 410.000 mhz German UHF Wireless Microphones (PK Electronics)
219.000 - 530.000 mhz English UHF Wireless Microphones (300-500 popular)
470.000 - 608.000 mhz Commercial Wireless Microphones
730.000 - 806.000 mhz Commercial Wireless Microphones

889.000 - 960.000 mhz Modified Cordless Phones (S/S & Hoppers)

380.000 - 480.000 mhz Video Bugs - US
890.000 - 960.000 mhz Video Bugs - US (902-928 Hot)
905.000 - 928.000 mhz Video/Audio Consumer Products (i.e.: Recoton)

1.700 - 1.930 ghz Video Bugs - US
2.400 - 2.500 ghz Video Bugs - US *** VERY Popular ***
5.725 - 5.850 ghz Video Bugs - US *** VERY Popular ***

1.100 - 1.400 ghz PAL Video Bugs *Very Hot in
England/France/etc*
2.400 - 2.500 ghz PAL Video Bugs *Very Hot in
England/France/etc*
3.500 - 4.500 ghz PAL Video Bugs *Very Hot in
England/France/etc*

430 - 550 mhz Popular French Video/Audio Bugging System
950 - 2500 mhz Popular French Video/Audio Bugging System
700 - 900 mhz Popular Italian Audio Bugging System

"Tactical" Bugs

225 - 400 mhz "Throw away" bugs (10uw-300mw Beer can bugs)
290 - 330 mhz Micro-powered Bugs (5uw-10mw Cigarette Butt Bugs)

30 - 500 mhz Tactical Repeaters (75mw-300mw)
285 - 400 mhz Tactical Repeaters (50mw-10watts)
100 - 152 mhz VHF Tactical Repeaters (300mw-25watts)
135 - 174 mhz VHF Tactical Repeaters (300mw-25watts)

VLF and Carrier Current Type Bugs

9khz - 490 khz Carrier Current 47 CFR 15.219 Auth (250 microvolts)
490khz - 1.705 mhz Lossy Cable 47 CFR 15.221 Auth (1000 microvolts)
450khz - 30.00 mhz PLA Systems 47 CFR 15.207 Auth (30 mv@ft/30ft)

3 - 200 khz 300 mw High Grade Pro Bugs (over 500$ each)
100 - 200 khz 50-100 mw Older Bugs
120 - 200 khz 30-50 mw Pre 1990 intercoms
200 - 300 khz 30-50 mw Post 1990 intercoms
300 - 400 khz 250-400 mw TELCO Line transmitters (355khz popular)

300hz - 30 khz Cable TV Carrier - Hardwired microphones
30khz -300 khz Cable TV Carrier - Coaxial Bugs

100 - 450 khz Threat Window #1 Most CC Bugs
3khz - 3 mhz Threat Window #2 Expensive "Pro-Grade" Bugs
5khz - 32 mhz Threat Window #3 Popular WJ Carrier Current Rcvr
3khz - 50 mhz Threat Window #4 Realistic Threat Window for Telephone Wire
15mhz - 70 mhz Threat Window #5 Audio/Video "Micro-Wire" RF circuits

WECO Bugs "boosted/ultrasonic audio" found on Power/CATV/Telco lines

64kbps to 1.5mbps Digital Bugs T-Carrier-Lo (T-1 and Below)
1.5mbps to 50mbps Digital Bugs T-Carrier-Hi (T-1 and above)

2.048mbps Digital Bugs Definity Circuit Pack Bug
32mbps Digital Bugs TMS Channel/Backplane bridge
Designed to transmit on CC or Microwave ISM Spread Spectrum (2.4-6.0ghz)

VLF Devices

25khz - 90khz Tape Recorder Bias Osc-Low End (35-45khz Common)
80khz - 145khz Tape Recorder Bias Osc-Mid Range (88.2, 96, 100khz Common)
100khz - 325khz Tape Recorder Bias Osc-Pro Grade (100, 150, 300khz Common)
40khz - 50khz Tape Recorder DAT/Hi8 (44.1/48khz Common)

8khz - 35khz Recorder Audio Servo Noise (10-20khz Common)

7khz - 35khz Video Camera VLF Detectable emmisions
15.750 mhz Common NTSC Video Camera
15.734 mhz CCD/PCB Video Camera (very easy to detect)
15.625 mhz Common Video Camera

Also, be aware of ultrasonic/audio emmisions from most VLF devices.
(Utilize a EOD/Bomb Tech Stethoscope, and Ultrasonic Spectrum Analyser)

Spread Spectrum/Hopping Bugging Frequencies

Legit Industrial Equipment (very inexpensive)
902 mhz - 928 mhz ISM band A (Very Popular)
2400 mhz - 2484 mhz ISM band B (Very Popular)
5725 mhz - 5850 mhz ISM band C
10500 mhz - 10550 mhz ISM band D
24075 mhz - 24250 mhz ISM band E

SS Amateur Radio Bands Often used for eavesdropping (very inexpensive)
50 mhz - 54 mhz 6.00m Amateur Radio Equipment (STA)
144 mhz - 148 mhz 2.00m Amateur Radio Equipment (STA)
222 mhz - 225 mhz 1.25m Amateur Radio Equipment (STA)
420 mhz - 450 mhz 70cm Amateur Radio Equipment (47 USC 97.305)
902 mhz - 928 mhz 33cm Amateur Radio Equipment (47 USC 97.305)
1240 mhz - 1300 mhz 23cm Amateur Radio Equipment (47 USC 97.305)
2300 mhz - 2450 mhz 13cm Amateur Radio Equipment (47 USC 97.305)
3300 mhz - 3500 mhz 9cm Amateur Radio Equipment (47 USC 97.305)
5650 mhz - 5925 mhz 5cm Amateur Radio Equipment (47 USC 97.305)

SS Amateur Radio Bands Occasionally used for eavesdropping
10.00 ghz - 10.50 ghz 3.0cm Amateur Radio Equipment (47 USC 97.305)
24.00 ghz - 24.25 ghz 1.2cm Amateur Radio Equipment (47 USC 97.305)
47.00 ghz - 47.20 ghz 6.0mm Amateur Radio Equipment (47 USC 97.305)

SS Amateur Radio Bands Rarely used for eavesdropping (very expensive)
75.50 ghz - 81.00 ghz 4.0mm Amateur Radio Equipment (47 USC 97.305)
119.98 ghz - 120.02 ghz 2.5mm Amateur Radio Equipment (47 USC 97.305)
142.00 ghz - 149.00 ghz 2.0mm Amateur Radio Equipment (47 USC 97.305)
241.00 ghz - 250.00 ghz 1.0mm Amateur Radio Equipment (47 USC 97.305)
300.00 ghz - Light (3 Thz) Amateur Radio Equipment (47 USC 97.305)

Note: Most commmon spread spectrum/hopping bugging equipment will
hop at speeds
between 100 and 50,000 hops per second. Equipment is readily
available that
hops even faster (100,000 to 300,000 hops per second). Dwell times
can be as small as 1us (one widely used military system uses a dwell
time of 3-5us)

Outband Equipment
ANY Television broadcast or Cable TV frequency
ANY FM radio broadcast frequency
ANY Paging or Beeper frequency
ANY Cellular Telephone frequency

820 mhz - 960 mhz Modified (902-928) Cordless Telephones
Modified Amateur Radio Equipment (can be on ANY frequency)

Keep in mind that wideband (non-ISM) Spread Spectrum/Hopping Bugs
are very
difficult to detect(even if you are within a few feet). Watch for carrier
feed-through, and "Noise Floor Humps".

All Spread Spectrum devices are detectable

Once Spread Spectrum/Hopping Bugs have been located (on the RF
spectrum) all
that can be done is to locate the sourse of the emission... it is
virtually
impossible to demodulate a SS signal unless you have access to the key.

Also, a 500mw ISM device can easily have an effective range of over
20 miles.

Look for spectral anomalies (humps) on the Spectrum Analyzer, and
back up
with a Compressive receiver.

Commonly Used Law Enforcement Bugging Frequencies

37.000 - 952 mhz FCC Surveillance Blanket Authorization

47 CFR 90.19 "Physical surveillance, stakeouts, raids..."
Straight AM/FM, FM-Subcarrier, SSB, Spread Spectrum, and Hoppers.
If encrypted, it usually uses in-band voice inversion or DES.
(Normally well under 2 watts... most under 35-150mw)

148 - 174 mhz
135 - 250 mhz Out-band Wireless Microphone
174 - 216 mhz In-band Wireless Microphone
350 - 440 mhz Common Video Freqs
380 - 930 mhz Wide Band Hoppers
806 - 824 mhz
851 - 869 mhz
905 - 930 mhz Popular Audio/Video Band

1.4 - 1.5 ghz Common Video Freqs
1.7 - 1.9 ghz Common Video Freqs (1.710 - 1.755 REAL Popular at
1/10 watt)
2.4 - 2.5 ghz Common Video Freqs (2.400 - 2.450 REAL Popular)
5.7 - 5.9 ghz Common Video Freqs (5.725 - 5.850 REAL Popular)
8.5 - 10.8 ghz Common Video Freqs

173.075 - LOJACK Auto tracking system beacon (200ms burst every second)

Police Speed Enforcement Radar
10.450 - 10.600 ghz X-Band
11.488 - 11.628 ghz RD Detector
22.976 - 23.256 ghz RD Detector-2nd Harmonic
24.050 - 24.250 ghz X-Band
33.400 - 36.000 ghz Ka-Band
700nm - 1100nm Laser Threat

Electronic Article Suveillance/Anti-Shoplifting Systems
8.10mhz - 9.30mhz Checkpoint (Hi-Q Tags) 8.2mhz Common
57.75khz - 58.75khz Sensormatic (Magnetic) Books, CDs, and Tapes
915mhz and 1830mhz Knogo (Microwave Resonant) Adhesive Labels

25 - 50 mhz "Bumper Beepers" (38 - 47 mhz very popular)
135 - 170 mhz "Bumper Beepers" (150-170 mhz very popular)
450 - 512 mhz "Bumper Beepers"
903 - 904 mhz "Bumper Beepers"
904 - 912 mhz "Bumper Beepers"
918 - 926 mhz "Bumper Beepers"
926 - 927 mhz "Bumper Beepers"

WARNING:
The area between 900 mhz and 6 ghz is EXTREMELY DANGEROUS as
the eavesdropping equipment in that range is inexpensive, low power,
and highly directional.

Additionally, most TSCM people will not check frequencies above
1.0/1.5 ghz or
3 ghz (because the equipment is too expensive for them to buy).

I have seen surveillance video tapes of TSCM inspections where the video
cameras (Watec), microphones (Sony), and microwave RF transmitters (AID -
2.4ghz) were never detected by the inspectors (using 1ghz AVCOM Spectrum
Analyzers).

Surveillance Satellite (TK-Keyhole) Frequencies
Note: Mostly Wideband Spread Spectrum/LPI channels

420mhz - 450mhz
1.2ghz - 1.4ghz
1.7ghz - 1.9ghz (1.76-1.84 real active)
1.9ghz - 2.2ghz (2.115 real active)
4.9ghz - 5.0ghz
7.5ghz - 8.3ghz
10.6ghz - 12.6ghz (11.7-12.2 active)

23.6ghz - 24.0ghz
25.5ghz - 25.7ghz
22.8ghz - 33.5ghz
42.5ghz - 47.0ghz
50.3ghz - 52.4ghz
78.0ghz - 85.5ghz
86.3ghz - 98.3ghz (86-92 real active)

Commonly Used by Federal Agencies for Bugs, Wireless Microphones,
and Body Wires (also 138-220 mhz, and 399-420 mhz, under 25-50 mw).

149.3500, 165.9125, 167.3375, 167.3425, 167.4875, 168.0115,
169.2000, 169.4450, 169.5050, 170.2450, 170.3050, 171.0450,
171.1050, 171.4500, 171.6000, 171.7500, 171.8450, 171.8500,
171.9050, 172.0000, 172.2000, 172.2125, 172.2375, 172.2625,
172.2875, 172.3125, 172.3375, 172.3625, 172.3875, 172.5500
173.3375

169.445, 169.505, 170.245, 170.305, 171.045, 171.105, 171.845, 171.905

27.5750 Customs Low Power < 5 watts
27.5850 Customs Low Power < 5 watts
163.1000 Customs Low Power < 30 watts
418.5750 Customs Low Power < 30 watts

40.1200 Federal Shared Mobile Locator Tranmitters "Bumper Beepers"
40.1700 Federal Shared Mobile Locator Tranmitters "Bumper Beepers"
40.2200 Federal Shared Mobile Locator Tranmitters "Bumper Beepers"
40.2700 Federal Shared Mobile Locator Tranmitters "Bumper Beepers"

164.9125 FBI Surveillance
165.9125 ATF F5 Surveillance
166.2875 ATF
170.4125 ATF
407.8000 Secret Service
406.2750 Secret Service
408.5000 Secret Service
408.9750 Secret Service

172.2000 DOJ/DEA CH.1
171.6000 DOJ/DEA CH.2
418.0500 DEA Low Power
418.0750 DEA Low Power
418.5750 DEA Low Power
418.7500 DEA
418.6750 DEA
418.9000 DEA F2 CINDY (416.325) Surveillance
418.7500 DEA F3 GAIL Surveillance/Strike Force
418.6750 DEA F4 EMILY (416.325) Surveillance

407.8000 CIA, State Department
408.0500 Federal Shared
408.5750 Federal Shared

409.4000 Federal Shared

960-1215mhz Spread Spectrum Systems (Wideband)

Generally Recognized Federal Bug/Spy Bands
Primary - 25-50mhz, 135-175mhz, 225-440mhz, 1710-1950mhz, 8.3-12.5ghz
Secondary - 890mhz-5.50ghz, 7.0-9.5ghz, 10-39.6ghz

Also, Wide Band Frequency Hopping centered on various UHF-TV channels
(ie: 510 or 670 mhz with a hopping width of +/- 25 mhz)

Keep in mind that the federal government can use virtually any
frequency between DC and light.

Band Width Resolution and Filters

Examine the spectrum with the following BW resolutions/filters:

Utilize all BW resolutions/filters between 5hz - 200mhz (depending
on band being checked)

Note: A programmable digital spectrum analyzer should be used!
(1/3/5/10/15/20/25/30/50/75/100/150/200... Sequence is prefered)

BW Res - Usage/Primary Function
100/200 mhz - Resonate Cavity Bugging Devices/SIGINT Devices
125/35/8mhz - Resonate Cavity Bugging Devices/SIGINT Devices

50/20/10mhz - Diplomatic/Intelligence Microwave Bugs
40/20/10mhz - Diplomatic/Intelligence Microwave Bugs

13/16/20mhz - Microwave Wideband
11/12/13mhz - Microwave Wideband
.5/1/2/5mhz - Microwave Wideband (Burst Bugs)
18/26/36mhz - Satellite Wideband (Video)
2/4/6/8 mhz - Microwave Wideband (Video)
3/6/12 mhz - Microwave Wideband (Video) - Common
.5/1/3 mhz - Microwave Wideband (Video/Burst/Pulse)

1.5/.75 khz - Frequency Hopping Bugs - VERY Common
.4/.2/.1khz - Frequency Hopping Bugs - VERY Common
3.2/6.4 khz - Frequency Hopping Bugs - VERY Common
10/20/25khz - Frequency Hopping Bugs - VERY Common
50/75 khz - Frequency Hopping Bugs - VERY Common
100/250 khz - Frequency Hopping Bugs
300/500 khz - Frequency Hopping Bugs
1/2/4/8 mhz - Frequency Hopping Bugs

300/250 khz - Regular Wide Band Broadcast FM
150 khz - Narrowband Broadcast FM Audio, Television Audio
280 khz - Narrowband Broadcast FM Audio, Television Audio

200/150 khz - Commercial Wireless Microphone - High Grade
150/100 khz - Commercial Wireless Microphone - Concert/Broadcast Grade
58/77/84khz - Commercial Wireless Microphone - Typical Body Wire

50/60/75khz - Commercial Wireless Microphone - Typical police device
8/25/50 khz - European/Japanese Industrial Bugging Devices

50/30 khz - Wideband FM two-way communications (ie: Cellular
Telephone)
16/15/6khz - Normal FM two-way communications
3/6/8/12khz - Narrowband Commercial - Voice
1/3.2/6khz - Narrowband (Marine, HF, etc...)

120/9/1 khz - Narrowband (Bias Osc./Video Cameras/SIGINT)
30/750/500hz- Narrowband (Bias Osc./Video Cameras/SIGINT)
56/75/100hz - Narrowband (Bias Osc./Video Cameras/SIGINT)
30/150/200hz- Narrowband (Bias Osc./Video Cameras/SIGINT)
250/300 hz - Narrowband (Bias Osc./Video Cameras/SIGINT)

300/250 hz - Narrowband OOK/FSK/Data, etc...
300/250 hz - Narrowband OOK/FSK/Data, etc...

Subcarrier Detection:

10 - 500 khz - Most Commonly Used Subcarriers
30 - 150 khz - Typical Broadcast FM Subcarrier (FMSubC)
19/27/38 khz - Typical Stereo Broadcast FM Subcarrier (FMSubC)
67 khz - Typical Musicast/Musak Broadcast FM Subcarrier (FMSubC)

2 - 10 mhz - Audio Subcarriers often used with Video (4.2-8 mhz
common)

5khz - 950khz - Realistic Subcarrier Threat (Audio)
1mhz - 15 mhz - Realistic Subcarrier Threat (Video)

Summary (this will catch 99.99% of all Non-Intell/Diplomatic RF bugs)

All TSCM Inspections should include the following frequencies:
(Expect to see less than 10-35 mw maximum at the TX antenna)
(Do not expect the signal to be present for more than 20uS-100uS)

To find RF transmitters a search grid of 15 foot by 15 foot (or
less) should be used.

Also, all phone rooms, riser closets, demarcs, boots, etc. MUST be
checked.

Remember that the microphone/camera can be hundreds of feet away
from the transmitter.

Use a digital spectrum analyzer and a wideband receiver with an analog
10.7/21.4mhz SDU on the IF, dispersions of 100/200/500khz).

RF Spectrum Analysis and monitoring should take place for at least
twelve
solid hours during a regular sweep (72 hours or more is preferred).

To prepare for IPM the spectrum should be evaluated/monitored for at
least four hours prior to the event.

Most non-gvt RF bugs will have a transmit frequency between 9khz
and 6ghz.

The Spectrum Analyzer inspection must cover at least 3khz to 40 ghz

VLF Detection-Audio .3 khz to 100 khz Video Cameras & Tape recorders
VLF Detection-RF 12 khz to 500 khz Video Cameras & Tape recorders
VLF Detection-Audio .3 khz to 150 khz Microphone/Ultrasonic
Chirping

Carrier Current Bugs 3 khz to 50 mhz 99% Voice

RF Bugs-HF 3 khz to 50 mhz 99% Voice
Space RF Bugs-VHF 30 mhz to 300 mhz 10% Video/80% Voice/10% Data
Space RF Bugs-UHF 300 mhz to 900 mhz 25% Video/60% Voice/15% Data

RF Bugs-Microwave1 900 mhz to 3.0 ghz 70% Video/20% Voice/10% Data
RF Bugs-Microwave2 3 ghz to 18.5 ghz 75% Video/15% Voice/10% Data
RF Bugs-Microwave3 18.5 ghz to 40.0 ghz 75% Video/ 5% Voice/20% Data

...and of Course Infrared! (Look for "IR Blooms")

700 - 1100nm Audio Transmitters/Lasers (CF between 880 and 950nm)
750 - 900nm Night Vision Illuminators
900 - 1710nm IR Video Illuminators

Note:
Most military/intelligence and governmental TSCM inspections look
for devices
between 3khz to 50mhz for Carrier Current, 20khz to 40ghz for
regular free
space RF radio devices, and directional microwave devices from
.5ghz to 120ghz.

-jma
==========
James M. Atkinson "...Shaken, not Stirred..."
TSCM.COM
127 Eastern Avenue #291
Gloucester, MA 01931-8008
URL: http://www.tscm.com/ E-Mail: jmatk@tscm.com
==========
The First, The Largest, The Most Popular, and the Most
Complete TSCM Counterintelligence Site on the Internet
==========

934. Want short screws for FT-23R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-20 00:00:00 UTC
From: mbrinkho@falcon.inetnebr.com
Message-ID: <4drroa$kd6@duck.inetnebr.com>
Source record: 206905

I'm looking for the short screws for a Yaesu FT23R to put in after the tone pad is removed.

If you have installed the DTMF pad (FTT-4) on a 23/33R and have the screws, drop me an E-mail. I'll pay for shipping, etc.

Thanks.

--
Matt C. Brinkhoff, KB0RXC
mbrinkho@inetnebr.com
Lincoln, Nebraska [EN10]

935. Re: Heathkit SB200 amplifier

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-20 00:00:00 UTC
From: Michael Haydon <mhaydon@olivet.edu>
Message-ID: <Pine.SOL.3.91.960120175908.11399C-100000@tiger.olivet.edu>
Source record: 206906

John:
also have sb-200, would initially suspect "worn out" 572-b's, how is
output on 15m? barring that check the input loading network for 10m,
located in rear of unit, requires removing amp from case, and of course
there's always a dirty bandswitch, cold-solder joint etc!!
GOOD LUCK!!
Mike KF8ZN

On Sat, 20 Jan 1996, John Clifford wrote:

>
> Does anyone have any experience of the Heathkit SB200 linear amplifier?
> I have just repaired one with a HV PSU fault, but am having difficulty
> getting more than 200watts out of it on 28MHz. It will reach 650watts
> out on 3.5MHz. Is this normal?
>
> I have a photocopy of (most of) the manual, but there are no output
> powers mentioned.
>
> I would be grateful for any assistance.
>
> 73 John G4BVE
> --
> John Clifford
> Northwich, Cheshire
> England Email: john@jcliff.demon.co.uk
>
>

936. Looking for old Icom hand mike

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-20 00:00:00 UTC
From: fedpress@omnifest.uwm.edu
Message-ID: <4dsdcp$dfr@omnifest.uwm.edu>
Source record: 206907

Does anyone out there have a (FOUR-pin) hand mike from an Icom IC-551D 6m multimode transceiver?

TNX ES 73,

Rick WB9GYT

937. Icon-706 Mic.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-20 00:00:00 UTC
From: armck@magicnet.net
Message-ID: <4dpi3s$p4u@comet2.magicnet.net>
Source record: 206908

What is the best mic for the 706, as the one that comes with it
you have to really close talk it to get the kind of audio that
you need? Any info would be appreciated.....
Ray - KE4UYN - Orlando, FL

938. FS: Ham Equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-20 00:00:00 UTC
From: "Steven A. Bailey" <bailey@skipjack.net>
Message-ID: <4dr88h$6tm@shore4.intercom.net>
Source record: 206909

I have the following items for sale:

1. Astron 20-A linear power supply. 16 Amps continuous.
13.8 VDC. $75

2. Palomar PT-340 Tuner-Tuner $50

3. Datong VLF Convertor...converts incoming VLF signals
to frequencies 28 Mhz or higher...For easy tuning on
normal communications receivers. $50

All the above items work perfectly...I believe these are fair
prices, so you pay shipping.

Steve

939. >>>>>>>>SPECTRUM ANALYZER FOR SALE<<<<<<<<<

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-20 00:00:00 UTC
From: lnorvill@ix.netcom.com
Message-ID: <4dpvlt$5ck@ixnews5.ix.netcom.com>
Source record: 206910
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,sci.electronics.repair

I have an HP 140T mainframe system with an 8552/8553 insert spectrum
analyzer section. this system is good from 0-11/0-110 MHz and is
sensative to -109dbm

price is $650 plus shipping in CONUS. This unit is clean and
in good shape .

73's DE KD6KCD

lnorvill@ix.netcom.com

940. Re: TEN TEC Six Meter Kits

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-20 00:00:00 UTC
From: otterson@mindspring.com
Message-ID: <4dpg6p$37s@brickbat.mindspring.com>
Source record: 207024

Hey Chet--
I bought a GE MASTR Executive II that was a low-band, high split (42-50) at the Hosstraders a few years ago for $15. It had a 115W pa on it, that runs on 13.8. Hmmmmmmm..... It's only a few months until May. I bet that you could easily make that PA into an external amp for the ten-tec.

73 from 4-land!
Jeff Otterson
---
otterson@mindspring.com
Maker and user of tools
PGP key available at http://www.mindspring.com/~otterson/pgp.htm

941. Re: IC-706 Service Manuals are HERE!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-20 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <4dpi1n$8jt@news.halcyon.com>
Source record: 207025

Gary,

ICOM does have a very simular change to the filter as you posted. When this has been done to a 706 the pager signals danced very happily through out the 2 neter band. Have fun.

Gary

942. Re: DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-20 00:00:00 UTC
From: wally@moor.slip.uky.edu
Message-ID: <614.6593T87T518@moor.slip.uky.edu>
Source record: 207026

>Anyone out there that has a Radio Shack DSP that can give me any info on
>it. I am interested in purchasing a DSP and saw one at RS yesterday for a
>great price but don't know out effective it would be compared to the other
>higher priced ones. Would appreciate any feedback. 73 Walt ab6re

The Rat Shack DSP is great on CW, worthless for anything else.. No noise
reduction with SSB or anything else... But the narrow CW filter works really
well. If CW is your big mode, it is worth $50 on their sale.

943. Replacing lithium battery in DJ580.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-20 00:00:00 UTC
From: wally@moor.slip.uky.edu
Message-ID: <545.6593T97T1195@moor.slip.uky.edu>
Source record: 207027

The memory on my DJ580 began to die every time I turned the radio off, so I shipped it off to Alinco and got a $150 estimate, so I politely asked them to ship it right back..

They verified it is a dead lithium battery on the CPU board, and I would like some ideas on the best way to replace this battery. The technical manual was $20 so unless I absolutely need it I'm not going to order it.

Any ideas or what not I'd appreciate it..

944. FOR SALE 8877 HF TUBE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-20 00:00:00 UTC
From: rryman@msn.COM
Message-ID: <UPMAIL07.199601200526270251@msn.com>
Source record: 207028

FOR SALE--NEVER USED-- 8877 HF TUBE $400.00 EMAIL rryman@cerfnet.com or call 6144252651 FINNICAL DRUG STORE. RAY WB8S

945. Re: IC-551 FM Board Sch.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-20 00:00:00 UTC
From: N8RHQ@news.delphi.com
Message-ID: <4dpu18$js2@news2.delphi.com>
Source record: 207029

KReblon@ccwf.cc.utexas.edu (Bob Nagy) writes:

>Does anyone have the schematic (or the Board!)
>for the IC-551 6 meter rig's FM board option?

>I've got a friend thats needed one for years (N5EAD) and I'd like to surprise
>him by building it for him.

>Thanks!

>Bob

yes, i have a schematic and a service manual. i even have a picture of what
the foil side of the board should look like. from the looks of the board i
dont think it will be easy to reproduce. if you're willing to make two i
could get you the info. 73 jim n8rhq @ delphi.com

946. QRP + faults

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-20 00:00:00 UTC
From: "Luis M. Castellv&#65533;" <lmcaste@ibm.net>
Message-ID: <4dq2rd$351e@news-s01.ny.us.ibm.net>
Source record: 207030

```
Any file with QRP+ faults reported?.
Pls, reply directly to this userid.
Best regards.
Luis
```

947. Re: Alinco dj-580

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-20 00:00:00 UTC
From: gkd@wpi.WPI.EDU
Message-ID: <4dqghc$5cc@bigboote.WPI.EDU>
Source record: 207031
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <1996Jan18.121251.1@evax01.d51.lilly.com>,
<ga19989@evax01.d51.lilly.com> wrote:
>Greg KO6TH brings up a recurring problem with my DJ-580.... the danged BNC
>connector gets really sloppy... of course, any BNC does this but the 580 seems
>to be worse than others...Anybody solved the problem?

You'll notice that center conductor of the BNC connector on the DJ-580 is shaped kind of like a little fork, and only makes contact with the mating pin on two sides. Higher quality BNC connectors have contacts which completely surround the center pin. I replaced the one in my DJ-580 with one of these, and it's made the connection much more reliable. I did have to file the hole in the case a bit and eliminate the rubber grommet that fits over the connector since it prevented the antenna attaching.

The other problem with the DJ-580 BNC is that internally the center contact is soldered directly to a rigid pin protruding from the PC board such that there is nothing in the system that will flex when stress is placed on the connector. That's why the solder connection between the pin and center contact tends to break. When I installed the new connector, I added a small, flexible piece of wire with a little bit of slack in it between the BNC and PC board pin to take up any stress. So far, it's worked fine.

Be aware that replacing the BNC does require a good deal of disassembly. Unless you're someone like me who's constantly swapping antennas and sticking the radio in a pocket, the stock BNC connection might well prove to be completely adequate.

Greg
N1DEM

948. Heathkit SB200 amplifier

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-20 00:00:00 UTC
From: John Clifford <john@jcliff.demon.co.uk>
Message-ID: <$8YAJDAoMWAxEwYs@jcliff.demon.co.uk>
Source record: 207032

Does anyone have any experience of the Heathkit SB200 linear amplifier?
I have just repaired one with a HV PSU fault, but am having difficulty
getting more than 200watts out of it on 28MHz. It will reach 650watts
out on 3.5MHz. Is this normal?

I have a photocopy of (most of) the manual, but there are no output
powers mentioned.

I would be grateful for any assistance.

73 John G4BVE
--
John Clifford
Northwich, Cheshire
England Email: john@jcliff.demon.co.uk

949. Re: IC-706 Service Manuals are HERE!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-20 00:00:00 UTC
From: wave@mindspring.com
Message-ID: <4dr0uo$t2q@brickbat.mindspring.com>
Source record: 207033

In article <1996Jan17.202235.28050@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us says...

>The transmit power control is done by IC7 in conjunction with
>D/A converter IC35 pin 12, which is the POC reference from the
>microprocessor. IC7 drives Q39 which drives PIN diodes in the
>second IF to limit drive to the PAs. I suspect that'd have to be
>defeated to get transmit power up outside 2 meters, and that's a
>bad idea because the uP varies POC for VSWR foldback on HF. There
>is no foldback on VHF,

The POC does not seem to be the reason why the radio is not txing outside the 2
meter band. This voltage which changes according to the power output setting is
still operating normally from 118-174. I followed the TX path on 2 meters and everything
appears to work all the way to the 69MHz IF (just before IC3). By "appears to work" i mean
that the if signal looks the same for both a signal inside and outside the amateur band.
It does not look like the ALC is to blame for the low output outside the 2 meter band. The
ALC
appears to be working identically in and outside the band. I suspect that more than 1 of
the
IF or amplifier stages are being turned off by one of the control lines. I have found one
of
the stages to be IC38. This stage is turned on when the radio is on TX and inside the
144-148 range.
The control line that selects this stage is called B8 and according to the service manual
on page 3-8 is high on the ham band. I initially thought that this was the only thing that
prevented the radio fron transmiting. I lifted pin 14 of IC31 which is where B8 originates
and I jumpered the trace that would normally go there to pin 11 of IC32 (L8). Now the
stage is turned "on" on TX everywhere from 118-174. L8 is high from 60 to 200 but T8 is
only
high from 118 - 174 because the cpu wont key the line outside this range . I think it is
just going
to be a matter of time before we find a easy way of getting this radio to work outside the
band.

>possibilities to explore with programming diodes, however. D57, D58,
>D59, D60, D72, D84, and D85 are the programming diodes. We already
>know what happens when we remove D59 and reset, but we don't know
>yet what the others do. They're labeled variously as USA only,

A couple of weeks ago I removed D57, D58, D59, D60, D72, D85 and soldered
6 wires with individual diodes to a 6 position dip switch. I tried all
64 combinations and none appeared to open the 2 meter band. I did not try
D85.

ALso does anyone know if the Main unit PCB is a three layer board? Some of the control
lines appear not to be going anywhere or floating. If you look at the MAIN UNIT pcb

on page 8-3 of the service manual L8 and B8W on connector P4 appear to be going nowhere. There must be another layer which is not shown because I ohm this traces to other points of the board and they are connected. I appears like my copy does not show that layer in bright
red like they show the HPF BOARD on page 8-2. If you noticed the same thing please send me some e-mail.
Maybe my copy was misprinted.

73's
AC4OP

950. Re: DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-20 00:00:00 UTC
From: ignacy@uiuc.edu
Message-ID: <4dr0cg$nbh@hobbes.cc.uga.edu>
Source record: 207034

In <614.6593T87T518@moor.slip.uky.edu>, wally@moor.slip.uky.edu (Walter R Francis) writes:
>
>>Anyone out there that has a Radio Shack DSP that can give me any info on
>>it. I am interested in purchasing a DSP and saw one at RS yesterday for a
>>great price but don't know out effective it would be compared to the other
>>higher priced ones. Would appreciate any feedback. 73 Walt ab6re
>
>The Rat Shack DSP is great on CW, worthless for anything else.. No noise
>reduction with SSB or anything else... But the narrow CW filter works really
>well. If CW is your big mode, it is worth $50 on their sale.
>
It also eliminates heterodynes, cuts hiss and hum, and has a
reasonably-good built-in speaker. The DSP CW filter works
wonders when your rig has no CW filter; makes little difference
otherwise.

Ignacy Misztal Ham radio: NO9E,
E-mail: ignacy@uga.cc.uga.edu
University Of Georgia 203 L-P Bldg., Athens, GA 30602
tel. (706) 542-0951

951. Need mods IC-27H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-20 00:00:00 UTC
From: gregesp@aol.com
Message-ID: <4dr09q$n34@newsbf02.news.aol.com>
Source record: 207035

Does anyone have any mods for this radio?
If you do, or know where I can get these, please leave me some E-mail
thanks.

Greg Weremey Gregesp@aol.com

952. W21AT wide-band receive?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-20 00:00:00 UTC
From: daveey@ix.netcom.com
Message-ID: <4dpo2o$pn@cloner2.ix.netcom.com>
Source record: 207036

I understand that there is a simple mod for wide-band receive on this HT. Apparently, you simply have to hold down 3 keys while powering on. Question is, what three keys? Is it as easy as it sounds? I there any other simple mods like this?

Any help is greatly appreciated!

Thanx
Dave

953. Re: Ameriton Al-811, want comments

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-20 00:00:00 UTC
From: peterjs@aol.com
Message-ID: <4dq4ec$ddq@newsbf02.news.aol.com>
Source record: 207037

Subject: Re: Ameriton Al-811, want comments
From: dennisg@microware.com (Dennis Gabler)
Date: 18 Jan 1996 18:36:03 GMT
Message-ID: <4dm3uj$r2r@mcrware.microware.com>

In <4dkp4o$67u@hummin.sol.net> garyk9gs@solaria.sol.net (Gary Schwartz)
writes:

>Peter Shintani (shintani@tv.sony.co.jp) wrote:
>: Hi
>: I am considering a linear amp. I would like to know the pro's and
con's of the Al-811
>: and other linear amps. I thought the AL-811 looked like a good price to
performance
>: model, but am open to any comments and suggestions
>: PS

>Just be sure that you take the cover off and check the solder connections
>through out the amp before you fire it up for the first time.

I will second this. I have run into a few cold solder connections in mine
also. I think I have found them all. I am happy with the amp overall and
the
tech support at Ameritron has been excellent.

73's Dennis

--
Dennis Gabler
--o-------------------------=o=-------------------------o--
|
dennisg@microware.com KB5HVN/NNN0BQG___________|
KB5HVN@WB0UGO.IA.USA.NA

I just got an 811H and fired it up last weekend and it seems to be
working just fine for me right out of the box. It seems to run fine off
my 110V/20amp wall plug.

For now, life is too short for QRP ... :<)

Peter, KE6VMJ

954. Re: IC 706 2 meter Mars mod.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-20 00:00:00 UTC
From: Markus Buehler <mbuehler@access.ch>
Message-ID: <4dq4oa$nmo@pacifica.access.ch>
Source record: 207038

About your question regarding MARS.... with IC706:
Try the modification with the yellow wire... i gave the file bellow to a friend
who has a IC706... he said the modification worked.
73 HB9CPW Marc, Switzerland

The file bellow is copied from:

ICOM IC-706 HF/VHF AMATEUR RADIO TRANSCEIVER
Product Review, Hints and Tips, and Modifications
As Of: December 28, 1995
by Randall Rhea, KG0HW

HINTS AND TIPS

1) Take time to read the manual. The menu system will be bewildering unless you read the manual. One you get used to it, you will find the rig to be amazingly easy and fun to use.

2) You need to set the mode to wide FM to receive FM or TV broadcasts. Tune to the station, press the MODE key until the front display shows FM, then press and hold the MODE key for 2 seconds. WFM will appear in the display, and you will hear the station with nice audio.

3) Don't use the noise blanker on AM. It will not be effective and may distort your audio.

4) Don't use the QSK feature.

5) The rig gets very hot while transmitting. Keep the top of the radio clear to allow air circulation.

MODIFICATIONS

WARNING: Improperly performed modifications can severely damage your radio. I have performed these modifications successfully, but I offer no guarantee or warranty for them. Proceed at your own risk.

TOOLS NEEDED:

1) Small philips-head screwdriver 2) Tweezers 3) Magnifying glass 4) Low-wattage (15 watt) soldering iron 5) Long-nosed pliers

MODIFICATION 1: Enables out-of-band transmit for 1.6 MHz to 54 MHz. This does not enable extended VHF transmit; a modification for this may be available soon. This does not enable AM or FM broadcast band transmit. Your memories will be cleared after this modification,

since you need to reset the CPU.

1) Open the top of the radio by removing the 3 top screws and 2 side screws. Look at the radio from the with the front panel facing you. screws.

2) Gently pull up the speaker and set is aside without damaging the speaker or the wires that attach it to the rig.

3) Note the silver rectangular box near the middle of the PCB marked something like "9 MHz SSB Filter".

4) Move your eyes up from this filter toward the back of the radio. Just before you get to the "D 108" marking, you will see two tiny diodes, two blank spaces, and one additional diode. They look something like this:

D108

[XX] [XX] [ ] [ ] [XX]

Remove this diode ^^^^

5) The second diode from the left needs to be removed. I did this by crushing it with long-nosed pliers. You can also heat it with a low-wattage soldering iron and pull it up with tweezers. Be sure not to damage the other diodes or the PCB. Be sure that you don't apply too much heat, since the heat can damage the PCB and the other diodes.

6) Re-assemble the radio. Reset the CPU by pressing and holding down the UP and DOWN buttons on the front panel and pressing POWER.

MODIFICATION 2: Enables more sensitive transmit above the 2 meter band. (148 to about 162 MHz; after that, sensitivity drops off.) Keeps sensitivity for the FM broadcast band.

1) Open the top of the radio by removing the 3 top screws and 2 side screws. Look at the radio from the with the front panel facing you.

2) Note the silver rectangular box near the middle of the PCB marked something like "9 MHz SSB Filter".

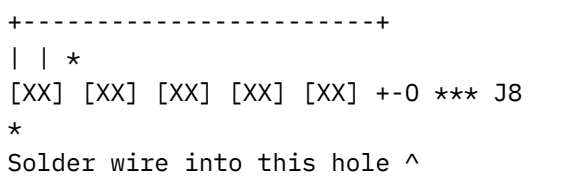
3) Move your eyes up from this filter toward the back of the radio. Follow the ribbon cable up. Notice a wide white connector with several colored wires in it on the back of the PCB.

4) The fourth wire from the left is a yellow wire. Cut this wire. Rather than cutting it, you can remove the connector, stick a paper clip in the side of the connector under the wire, push it in, and pull the wire out. Be careful not to remove the other yellow wire.

5) Re-insert the connector back to its original place on the PCB.

6) Open the bottom of the radio. You will again need to remove 5 screws.

7) Look at the radio with the front panel facing you. Note 5 tiny transistors behind the MENU button. Follow the trace from the middle transistor to a hole just to the left of jack J8.



8) Solder a small wire into this hole. Be careful not to apply too much heat; use a low-wattage soldering iron. Be careful not to damage the PCB or the grey cable coming out of J8. Use a magnifying glass.

9) Run the other end of the wire you just soldered to the front of the radio and attach it to the yellow wire you just cut.

10) Re-assemble the radio.

- END OF DOCUMENT -

955. Need HELP with Kenwood TM-701

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-20 00:00:00 UTC
From: ko7v@ix.netcom.com
Message-ID: <4dr2mk$6e7@ixnews4.ix.netcom.com>
Source record: 207039

I have a Kenwood TM-701 Dual bander that won't go on 2 meters. In the VFO mode, pressing the BAND button toggles between 440 and 850 MHz. The memories still work normally, but pushing M > VFO from a 2m memory puts me up on 850 MHz. I tried turning the radio on while holding every button down (one at a time) hoping this would be a RESET command, but to no avail. Anyone have any ideas? I suspect one of my kids "playing radio" may have caused this with some button combination. 73,

Mike Cizek KO7V
ko7v@ix.netcom.com

956. Re: IC-706 Service Manuals are HERE!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-20 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4dr0rk$n86@newsbf02.news.aol.com>
Source record: 207040

In article <4dpi1n$8jt@news.halcyon.com>, "Gary P. Fiber"
<gfiber@halcyon.com> writes:

>Gary,
>
>ICOM does have a very simular change to the filter as you posted. When
>this has been done to a 706 the pager signals danced very happily through

>out the 2 neter band. Have fun.
>
>Gary

Gary F.,

Are you saying a mod like that will cause intermod?

73 Tom

957. Re: Alinco dj-580

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-20 00:00:00 UTC
From: bob.miles@zetnet.co.uk
Message-ID: <4dqv7q$8m6@irk.zetnet.co.uk>
Source record: 207041
Cross-posted to: rec.radio.amateur.equipment,uk.radio.amateur,rec.radio.amateur.misc

Shetland RAYNET uses said Alinco's.. few have had little problems
with deafness .. perhaps its due to leakage from 2m to 70cm through
the diplexer when using the rubber duck ant. Boy they are a poor match on 2m!

Waters and Stanton have fixed them quickly end efficiently.

Regards
GM4CAQ

958. >>>>>TEST AND MEASUREMENT EQUIPMENT<<<<<<<<<

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-20 00:00:00 UTC
From: cdi2@ix.netcom.com
Message-ID: <4drsbq$5lv@ixnews6.ix.netcom.com>
Source record: 207042
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,sci.electronics,rec.radio.swap,sci.electronics.repair,rec.radio.amateur.digital,rec.audio.tech

There is a new site on the www for test and measurement equipment.We deal in HP and related equipment. The site changes on an almost daily basis as new items are received and inventoried.

http://www.compudigital.com

Take a look and enjoy the site. Thank you for reading this post.

959. Re: ICOM IC 2350H MODS?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-20 00:00:00 UTC
From: EJVJ40A@prodigy.com
Message-ID: <4dqpmf$f0u@useneta1.news.prodigy.com>
Source record: 207043

Hi Mike

I'm looking at the radio/tech book I bought. It says locate and cut
jumper W1.
Locate and remove diode D9, locate and remove diode D8 and locate and cut
diode D6. However after removing the bottom cover only I cannot find any
one of these mods. I understand they are suppose to be next to the logic
board which probably means they are underneath and on the top. I first
thought this was going to be easy but then I realize getting to the top
may mean forgetting the mods. I just don't see how without getting real
involved.
If you have any ideas please let me know. Let me tell you my ser.#01208
maybe there was a change some place.

73 GEORGE

N1JGE

960. SB-200 Info wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-20 00:00:00 UTC
From: Howard Moscovitz <mosc@fast.net>
Message-ID: <3100BC90.4CD1@fast.net>
Source record: 207044

In the July 1995 Issue of QST on page 29 there is a notice announceing a small company that makes modern upgrade parts for the Heathkit SB-200 amplifier. Would someone please send me the name of the company and their phone number. That page of my QST has unfortunately been made unreadable by actions taken by my dog, Sparky.

Thanks in advance,
Howard

KB3ZX
mosc@fast.net
http://www.users.fast.net/~mosc

961. Wanted: Kenwood VFO -230 or 240 in mint condx. only

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-20 00:00:00 UTC
From: letfishgo@aol.com
Message-ID: <4dru9q$4s3@newsbf02.news.aol.com>
Source record: 207045

Im looking for a mint condition Kenwood VFO to go with my TS 530 S transceiver.
Send info. to Letfishgo@aol.com
Price and where ship from? All info. on capabilities (specs) greatly appreciated!

962. Re: Heathkit SB200 amplifier

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-20 00:00:00 UTC
From: "Richard L. Duell" <rduell@iac.net>
Message-ID: <4drsj2$q7c@cheyenne.iac.net>
Source record: 207046

My SB200 puts out 500 watts out on 75 and 300 watts out on 10 meters.
Sounds like you may have soft tubes or high swr or low voltage, etc.

73, Rich

963. Alinco DR590 mods.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-20 00:00:00 UTC
From: eartigas@delphi.com
Message-ID: <hbILYYN.eartigas@delphi.com>
Source record: 207047

o be a not very common rig, dual band.
Any info on modifications will be appreciated.

964. WTB: Kenwood AT-850 Automatic Tuner

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-20 00:00:00 UTC
From: wa4vrv@srv.net
Message-ID: <4dre30$p16@mars.hyperk.com>
Source record: 207048

Hi and thanks for reading this posting.

I am looking for the AT-850 Automatic Tuner for the Kenwood TS-850S.
If you have one and want to sell it, please reply email with asking
price.

Email - wa4vrv@srv.net

de Jay, WA4VRV

965. Re: IC-706 Service Manuals are HERE!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-20 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan20.194210.12852@ke4zv.atl.ga.us>
Source record: 207049

In article <4dr0rk$n86@newsbf02.news.aol.com> w8jitom@aol.com (W8JI Tom) writes:
>In article <4dpi1n$8jt@news.halcyon.com>, "Gary P. Fiber"
><gfiber@halcyon.com> writes:
>>Gary,
>>
>>ICOM does have a very simular change to the filter as you posted. When
>>this has been done to a 706 the pager signals danced very happily through
>>out the 2 neter band. Have fun.
>>
>>Gary
>
>Gary F.,
>
>Are you saying a mod like that will cause intermod?
>
>73 Tom

Ohh, too many Garys. :-)

I know what he's saying, Tom. D6 and D7 don't have a huge amount
of isolation, so signals can now leak through via the modified
BP filter and *around* the double tuned 2 meter filter while operating
on the 2 meter band. I haven't taken mine down into "pager hell" yet,
so I can't confirm this, but this could be a real problem for those
who regularly do. A word of caution to those thinking of doing this
mod.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

966. WTB: Midland LMR stuff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-20 00:00:00 UTC
From: subbustr@whidbey.net
Message-ID: <4drgil$skh@whidbey.whidbey.com>
Source record: 207050

```
1.16.ch UHF HT w/DTMF/PL,batt+ant (Model 70-254)
2.Mics,+ holsters x 2 (Model 70-155B)

Have 30 "scrap" Model 70-155B units w/rx+tx boards,
cases,knobs that I cud trade fer mics + holsters.

thanks subbustr@whidbey.net VE7-LFA/W7
```

967. Re: IC-551 FM Board Sch.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-20 00:00:00 UTC
From: hduff@humnet.humberc.on.ca
Message-ID: <8221490593802@lss.humnet.humberc.on.ca>
Source record: 207051

> Does anyone have the schematic (or the Board!)
> for the IC-551 6 meter rig's FM board option?
>
> I've got a friend thats needed one for years (N5EAD) and I'd like to surprise
> him by building it for him.
>
> Thanks!
>
> Bob

Hi Bob...I looked into building one several years ago when I owned a
551. I enjoyed CW/SSB on 6M but desperately wanted to try FM.
I got a hold of the schematic and studied it for a while...
I soon discovered that there was a lot more on the optional board than
just an FM discriminator and modulator.
There is an IF stage consisting of mixers , filters ect..that is required
before demodulating the FM.
I can't recall the IF frequency but it was an odd number and the
drawing I had was not of great detail when it came to component
values, especially of the transformers and other inductors.
It got to be more of a challenge than I wanted to trouble myself with
so I decided to sell the 551 (I had an offer to buy it) and bought
another all-mode rig with FM in it.

I'm sure that it can be reproduced if you have the time and knowledge.
I'll see if I can dig up the schematics...drop me an e-mail message
just to remind me.

Hugh Duff VA3TO Toronto

• NFX v1.3 [000]

968. Looking for a key

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-20 00:00:00 UTC
From: jliechty@silver.ucs.indiana.edu
Message-ID: <4drhui$mmi@usenet.ucs.indiana.edu>
Source record: 207052

Can anybody tell me how to get ahold of a decent straight key?
The ads in QST, CQ, 73, and WorldRadio don't give me any leads (I suppose
I could call up a company that advertizes paddles, and see if they
"happen" to have a straight key around they'd sell me--but I don't wanna
waste the phone call(s)). Any leads?
TNX es 73.
-Jon (WD9FEP)

969. VHF FM Radios Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-20 00:00:00 UTC
From: DIDEDO@gnn.com
Message-ID: <4ds3m2$372@news-e1a.megaweb.com>
Source record: 207053

My name is Diann Lorey, I am with the Civil Air Patrol Bay City Michigan Cadet Squadron 20261. We are a youth organization working to serve our community with our search & rescue skills as well as security work for our local community. This brings us to the reason for this request. We find ourselves needing some Handheld VHF FM Radios working in the freq. range of 143 - 150 mhz to permit communications between our ground team members.

Since we are a nonprofit volunteer organization we are asking for your assistance with a tax deducable donation of some radio equipment or assitance in locating some inexpensive equipment as our budget is small. Any help you might be able to give us in our search would be appreciated.

Thank you Diann

970. Re: Opinions on Ten-Tec Scout

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-20 00:00:00 UTC
From: cormac@televar.com
Message-ID: <4dpnoe$m5f@golden.ncw.net>
Source record: 207054

Steve:

I have owned and operated a Scout for over 2 years now. It is one of the
finest HF rigs I've had in 38 years of hamming.

I have used it mobile on CW and SSB as well as in fixed operation
and have found it to be very durable and excellent.

For sensitivity and low noise floor, it outperforms any of my Kenwood
transceivers I've had over the years.

Easy to operate, a few little operational quirks, but good solid performer.
I don't think there has ever been a rig built that was "perfect".
In one way or another, they're all a compromise.

I am amused at those who knock the Scout and have never owned one or
operated one long enough to thouroughly evaluate its characteristics.

Good Luck and 73

Cormac, W7JHS
Prosser, WA

971. Re: 3-1000Z vs. 4-1000A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: <>
Message-ID: <4dtfa7$ngc@kirin.wwa.com>
Source record: 206911

> Ken Gianino <gianino@sbctri.sbc.com> writes:
> I have a chance to buy a 3-1000Z based HF amplifier. Do the 3-1000Z
> and 4-1000A share the same base (as the 3-500Z and 4-400A do)? I see
> a lot of comercial "pull" 4-1000's but hear very little of the 3-1000.
> Do the Chinese or Russian factories make a plug-in equivalent as they
> do for the 3-500Z? This is a commercial autotune amplifier so
> changing the tube socket would not be a trivial matter.
> Ken - WB0QNA
>
>>>>
Yes Ken they do, but there are a few minor differnces you should aware of:
The 4-1000a will require more drive.
The 4-1000a is a taller tube (check chimney height).
The 4-1000a is a more rugged tube
Ther is a slight differnce in input impedence.
and last but not least the 3-1000a is alot more expensive.

"73" Gary

972. New JRC XCEVER

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: Johnny Donovan WABC-NY <ru@i-2000.com>
Message-ID: <31023C1B.4AC9@i-2000.com>
Source record: 206912

anyone have or used one of the new jrc 245 xcevers?

973. Connector Insertion Loss

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: Kory Hamzeh <kory@avatar.com>
Message-ID: <Pine.BSD/.3.91.960121125056.2592B-100000@avatar.avatar.com>
Source record: 206913

Does anyone know what the insertion loss is everythime you add a PL-259 connection on your coax? I'm interested in the HF band losses. I have two connections between the rig and the amp, two between the amp and the tuner, and will have two more between the tuner and the tuner-tuner, and two between the tuner-tuner and the antenna.

I'm wondering how much extra loss is all these PL-259 & SO-239 connection is causing (not including the loss that each equipment introduces)!

Thanks,
Kory
AC6RN

974. WTB: Tektronix 7L12 Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: "Manuel A. Maseda WF1J" <mmaseda@packet.net>
Message-ID: <3102635D.35A0@packet.net>
Source record: 206914

I'm looking for a manual for a Tektronix 7L12 spectrum analyzer plug-in.

Manuel WF1J

975. Re: Ham-Equip Digest V96 #24

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: jallen@vhfcom.COM
Message-ID: <199601211230.HAA17268@nic.iii.net>
Source record: 206915

One Ham's opinion - I won't buy any MFJ equipment due to their total lack of quality control in soldering (both automatic and hand) and assembly. See other postings on this group.

73, John, K1FWF

Date: 18 Jan 1996 23:27:23 GMT
From: Buster <lathrop@azstarnet.com>
Subject: [Q]: MFJ 6 Meter Travel Radio?

Is the MFJ 6 meter travel radio junk?
I'd like to get on 6 ssb. I'm already
on 2 SSB.

Please respond via e-mail.

KC7KMJ
Buster

John D. Allen, jallen@vhfcom.com

976. WTB: ETO Alpha 374A Parts

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: "Manuel A. Maseda WF1J" <mmaseda@packet.net>
Message-ID: <310263DA.5888@packet.net>
Source record: 206916

I'm looking to buy a replacement front panel for an Alpha 374A amp.
Also need a source for the 28 volt lamps used in the meters.

Manuel WF1J

977. Re: Alinco dj-580

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: n6cr@ix.netcom.com
Message-ID: <4dsgoq$b1i@ixnews5.ix.netcom.com>
Source record: 206917
Cross-posted to: rec.radio.amateur.equipment,uk.radio.amateur

In <4dlnso$39q@ccsp-23.brunel.ac.uk> ee95ajm@brunel.ac.uk (Andrew John Murrell) writes:

>The other problem is, how do i open up the case, as far as i can tell
>there are three screws holding it together, one above the ptt, one below
>and one where the wrist strap goes. But when these are removed the
>top still seems to be fixed to some thing?

Right you are! There are secret nuts that are on each of the pots and the selector knob on the top. Pull the knobs off and then loosen the 3 nuts. (Work them around by placing a small screwdrive in the grooves.) After you remove these, the case will open up. Look in the mods section of the RSGB web pages under the 580 and a complete description will be found there in one of the articles.

I just had mine apart last week to repair cold solder joints.

GL/73 de Rick, N6CR in Atlanta.

978. AOR3000a For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: kevin.bates@ukonline.co.uk
Message-ID: <4dtr02$96k@morse.ukonline.co.uk>
Source record: 206918

AOR3000A Scanning Receiver with WEFAX mod, excellent condition
and boxed only ₤499.00

UK sale only

Contact kevin.bates@ukonline.co.uk

979. TR-8400 Info request

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: max@tvol.IT
Message-ID: <199601211343.NAA10880@alessia.tvol.it>
Source record: 206919

I'm looking for schematics, user manual and any oher info about the Kenwood
TR8400 UHF transceiver.
I have a 2nd hand one, and i'm trying to "resume" it: the -1600 repeater
shift is not correct (-1625, very fun), it refuse to hold any frequency
settings (including vfo freq.) and more...
I'd like to solve taose problems.
Thanks in advance for anyone helping me.

980. Re: Alinco dj-580

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: Stefan Kowal <100627.3426@CompuServe.COM>
Message-ID: <4dtv4a$d3n$1@mhade.production.compuserve.com>
Source record: 206920

I have had a problem with the internal BNC connection twice. You notice that the set has gone very deaf and that you cannot get into the local repeater. Each time I have found the soldered joint from the centre pin of the BNC to the board to be the problem.

The position is a pig to get to and you have to remove the boards, though you do not have to cut any wires or similar, just let them hang loose.

After the second time it happenned I used a small bit of braid solderd in to make the connection. It is a job the requires a little patience but it worked and I have had no problems since (must be about two years ago since I did the job.)

Regards,

Stefan G0BJW

981. WTB: VARIOUS ITEMS FOR VARIOUS RADIOS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4du3l3$ja0@news.ccit.arizona.edu>
Source record: 206921

WTB the following items >>>----->>

FOR KENWOOD TM621A 2m/220 Dual Band Mobille:
WTB Operators Manual, Remote Mounting Kit, Voice Synthisizer,
CTCSS Encoder/Decoder, info on how to undo the wide-band mod,
info on how to cross-band repeat.

FOR KENWOOD TH31AT 220 HT:
WTB Drop-in charger and PB-21H batteries, working or not, CTCSS
Encoder.

FOR KENWOOD TH315 220 HT:
WTB Leather or soft case, batteries, slow and fast chargers,
CTCSS Encode/Decode board.

FOR COMMUNICATIONS SPECIALISTS TR720 Aircraft HT:
WTB Batteries, slow and fast charger, speaker-mic.

FOR MOTOROLA MAXAR 50 and 80 VHF MOBILES:
WTB Service Manuals.

FOR REGENCY XL2000 (XLH250B) 10 CHANNEL VHF MOBILE:
WTB Touch Pad for Programming, Scanning, etc. Should be the same
as on the WILSON CITI-COM SERIES (WU1510, etc).

FOR BENDIX/KING LPI/LPH HT:
WTB Fast or slow charger, DTMF Encoder, Two-Tone Decoder, 14 to
28 channel mod, 2 holsters, batteries.

FOR MAXON CP0510 VHF HT:
WTB: Charger, speaker-mic, rear-half of case, schematic or
Service Manual, CTCSS Encoder on 110.9Hz.

FOR YAESU FT51R VHF/UHF HT:
WTB Display-Speaker Mic MH-29A2B, soft case, info on interfacing
and programming via PC.

Reply via email to: cweddle@as.arizona.edu
Chris, N7RME
Mt. Lemmon, Arizona

982. Ham Radio Online Magazine Has a Whole New Look!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: vbook@vbook.com
Message-ID: <4du1ua$7c0@news.accessone.com>
Source record: 206922
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.equipment

Check out our new layout at Ham Radio Online magazine. As always, its free and free of ads. The coolest and classiest Ham Radio site on the web. Check out the new articles this week - Reviews of HF propagation prediction software, an article on a proposal to reinstate the low power Class D commercial broadcast FM license and much more!

We are not just pointers to cyberspace - we've got content - real stories on everything having to do with radio telecommunications!

http://www.accessone.com/~vbook/hronline.htm

---
personal email to vbook@vbook.com
Visit Ham Radio Online, it's free, at
http://www.accessone.com/~vbook/hronline.htm

983. Morse code to text display wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: john@MERCURY.CS.UREGINA.CA
Message-ID: <4du55d$irl@sue.cc.uregina.ca>
Source record: 206923
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

Hi. My dad is a Ham operator, and asked me if there were some inexpensive way to have incoming Morse code automatically translated and displayed on a CRT. Since I know nothing about Ham radio, I thought I'd post here. I'm sure what he wants to do must be possible; don't know about the inexpensive part though. If anyone can help us out I'd appreciate it. I'd prefer that responses be sent in private email, as I usually don't read these groups.

Thanks in advance.

--
John Rosloot, technical analyst
Dept. of Computer Science, University of Regina
Regina, Saskatchewan, Canada
http://www.cs.uregina.ca/~john/
john@cs.uregina.ca

984. Re: IC-706 Service Manuals are HERE!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <DLJq3M.80M@iglou.com>
Source record: 206924

While you're at it. See if you can devise a way to improve qsk. Or at least speed up the response of the relay so it doesn't chop dits and or make it quieter.

Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

985. DSP System - WHICH IS BEST ONE????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: kbooher@imsweb.net
Message-ID: <kbooher.50.00117096@imsweb.net>
Source record: 206925

I am contemplating the purchase of an DSP Filter and would be interested
in hearing of one who have them and the preference and recommendations
as to which unit is the best...

Thanks, Ken (K8JWC)

986. Opinions - Ramsey 20M Transceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: kb7et@usa.pipeline.com
Message-ID: <4dtqk7$pkv@news1.usa.pipeline.com>
Source record: 206926

Howdy:

I'd like to get opinions pro or con on the
Ramsey SX-20 20M SSB/CW Transceiver.
Has anyone built and/or operated one? I
am especially interested in its CW performance.

Thanks and 73,
Jim, KB7ET
kb7et@usa.pipeline.com

987. Kenwood DG5/DK-520 Kit - What Is It?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: davie@primenet.com
Message-ID: <4dsrkd$q52@nnrp1.news.primenet.com>
Source record: 206927

Hi,

I saw a installation bulletin for the DG5/DK-520 kit which was made primarily for the TS-520, but could also be installed on other rigs like my old TS-900. But, the bulletin never said exactly what this kit did! I got the impression it might be a digital VFO readout you could wire into the radios. Anyone know? If it is a digital readout - any comments on how well it works or what it even looks like? Possibly someone might be able to mail me a copy of the first page or two of the book? Thanks, Dave

988. Is there a mail list for Kenwood owners?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: davie@primenet.com
Message-ID: <4dsrm8$q6v@nnrp1.news.primenet.com>
Source record: 206928

Would appreciate the address and subscribing instructions. Tnx. Dave

989. Cure for pops in 'phones?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: jliechty@silver.ucs.indiana.edu
Message-ID: <4ds9n1$g12@usenet.ucs.indiana.edu>
Source record: 206929

I've recently been spending some time listening on a
general-coverage radio that I built a long time ago. I've
noticed that a couple of times a minute I get a fairly loud
pop in the headphones, and it's starting to drive me bananas.
Is there some kind of filter I can hook up to take the edge
off them? A capacitor across the phones, maybe?
-Jon WD9FEP

990. Dual Band Mobile w/ 9600

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: leahyjp@cs.purdue.edu
Message-ID: <4du532$19@lore.cs.purdue.edu>
Source record: 206930

I am a newbie, looking for a transportable rig w/ both 2m and 70cm with a built in 9600bps modem. I have seen 2m rig's with tncs built in but never a dual band. If anyone knows of such a monster let me know.
-Joe

991. W.T.B. USED ROTOR

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: MYMJ78A@prodigy.com
Message-ID: <4ds1ff$lmm@usenetp1.news.prodigy.com>
Source record: 206931

Looking for a used rotor- Tailtwister - or similar heavy duty rotor. My rotor was damadeg by heavy winds and the TH-7 was windmilling in the top of the tower with enuff force to snap my RG-213 coax. Please leave a msg for me via E-MAIL i you have a heavy duty rotor that you are willing to part with.
Tnx for reading this msg. de AL / NA1I

992. W.T.B. USED ROTOR

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: MYMJ78A@prodigy.com
Message-ID: <4ds1gd$2ipq@usenetp1.news.prodigy.com>
Source record: 206932

Looking for a used rotor- Tailtwister - or similar heavy duty rotor. My rotor was damadeg by heavy winds and the TH-7 was windmilling in the top of the tower with enuff force to snap my RG-213 coax. Please leave a msg for me via E-MAIL i you have a heavy duty rotor that you are willing to part with.
Tnx for reading this msg. de AL / NA1I

-
NA1I MYMJ78A@prodigy.com

993. Re: Heathkit SB200 amplifier

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: doughall@parsifal.nando.net
Message-ID: <4ds2o0$kkk@castle.nando.net>
Source record: 206933

John Clifford <john@jcliff.demon.co.uk> wrote:

>
>Does anyone have any experience of the Heathkit SB200 linear amplifier?
>I have just repaired one with a HV PSU fault, but am having difficulty
>getting more than 200watts out of it on 28MHz. It will reach 650watts
>out on 3.5MHz. Is this normal?

John,
You didn't say what you were driving it with, but if the tuned input
circuit for 10m is mistuned or defective the input SWR could be
causing your rig to reduce its output. You may not be getting enough
drive to the amplifier. My SB200 (with 20 year old tubes) puts out a
little over 500 watts on 10m.
73,
Doug Hall, KF4KL

994. Re: TEN TEC Six Meter Kits

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: n1ist@netcom.com
Message-ID: <n1istDLIHII.49H@netcom.com>
Source record: 206934

In article <4dm9bq$6ci@news.monad.net> Chester Bowles <bowles@cmf.org> writes:
-They had an additional power
-module for the two meter version, but said FCC regulations did not permit
-the extra power module to be sold for the six meter version. What's that
-all about?

Amps under 2M must be type-accepted (it's the old anti-CB amp rules). For
more power, I'd grab an old low-band rig and yank off the PA and retune it.
This may even work with the 2M amp...

/mike
--
\|/ Michael L. Ardai N1IST
-*- ---------------------------------
/|\ n1ist@netcom.com

995. Ameritron Mobile Amp on 160M

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: JLB@earthlink.net
Message-ID: <4dufrj$lum@bolivia.it.earthlink.net>
Source record: 206935

Does anyone know from experience how well the Ameritrom ALS-500M holds up on 160M? I would like to add this amp to my IC-738 and operate 160m mobile.

Joe AA6WG

996. Need Info: Collins t24s-9 transmitter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: brianmo@microsoft.com
Message-ID: <4dugh1$pqs@news.microsoft.com>
Source record: 206936

Howdy, I have run across a Collins T24S transmitter, originally used for aircraft frequencies. I'd like to find any information on this rack-mounted unit (schematics, etc) as well as applicability for use in 2M activities (it might even go 220, near as I can tell, but ???)

thanks,

Brian Moran, N9ADG

--
The opinions expressed in this message are my own personal views and do not reflect the official views of Microsoft Corporation.

997. Kwd TL 120?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: turner@safety.ICS.UCI.EDU
Message-ID: <3672.822187608@safety.ics.uci.edu>
Source record: 206937
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

Anyone ever see a Kenwood TL 120 amplifier? It went with the
TS 120 / 130 V, and maybe others. I believe it was 100
watts out for 10 in, HF.

Clark
WA3JPG

998. need tips on Alinco 6m

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: hmaxwell@netcom.com
Message-ID: <hmaxwellDLI8LJ.46y@netcom.com>
Source record: 206938

If you have the Alinco 6 meter fm transciever & have mastered its use, maybe you can help me to do the same. I'm having trouble simply getting into the offset (+)(-), which works at some times and not others, or so it seems. Don't know if it's me or the rig.

Also curious as to what your FM DX experiences may have been. Right now I have it set up as a base with an omni antenna. Since it only puts out ten watts I'm not expecting a whole lot when the band opens up, but then I've heard that just about anything is possible.

Finally, is it worth getting the decoder option? Thanks a lot & 73

Randy

999. WTB schematic for Heathkit imp.bridge

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: tubestuff@qnet.com
Message-ID: <tubestuff-2101961453220001@dialup34.palm.ca.qnet.com>
Source record: 206939

Schematic or leads to find one greatly appreciated for Model # 1B-2A
Heathkit IMpedance Bridge.

Thank you,

--
Mike Gangemi "Life sounds better in a vacuum..."
TUBESTUFF
Palmdale, CA
fax: (805) 285-0737
tubestuff@qnet.com

1000. Re: ADI 2 meter radios. Who is ADI?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: clifto@indep1.chi.il.us
Message-ID: <DLIJIz.B90@indep1.chi.il.us>
Source record: 206940

In article <4dm8vr$h28@nnrp1.news.primenet.com> sparkfel@primenet.com (Mark Fellhauer) writes:
>price. I can't understand why people think that their 6 year old HT
>w/o PL or DTMF and a dead nicad pack is worth $150...

Why, of course, because they paid $159 for it only six short years ago.
:-)

--
Cliff Sharp There are days when no matter which
WA9PDM way you spit, it's upwind.
clifto@indep1.chi.il.us --The First Law of Reality

1001. SBA-301-2 400hz CW Fileter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: omalley@javanet.com
Message-ID: <4dujqo$cua@kona.javanet.com>
Source record: 206941

I am looking for a SBA-301-2 400hz cw filter for a Heathkit HW-101.

If anyone has one or knows of one please e-mail me.

Thanks,
Peter O'Malley N1TBZ
peter.o'malley@the-spa.com
omalley@javanet.com

1002. TEN TEC Scout 555

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: macswer@cnwl.igs.net
Message-ID: <4dsd1l$ir6@nntp.igs.net>
Source record: 206942

Do you own one? Do you like it?
Any complaints/problems?

I am thinking about getting one.
Your opinion counts!

Send your replies

macswer@cnwl.igs.net

or on packet you can reply

VE3KCP@ve3mta

Thanks for reading this post.
Bob Mac Sween

1003. Re: IC-706 Service Manuals are HERE!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan21.034948.14448@ke4zv.atl.ga.us>
Source record: 206943

In article <4dpi1n$8jt@news.halcyon.com> "Gary P. Fiber" <gfiber@halcyon.com> writes:
>Gary,
>
>ICOM does have a very simular change to the filter as you posted. When
>this has been done to a 706 the pager signals danced very happily through
>out the 2 neter band. Have fun.
>
>Gary

That says D6 and D7 aren't being switched hard enough. Have you tried
changing the values of R24 and R27?

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1004. Re: Vote here in Favor of Bill Cheek

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <4du65e$gba@ixnews3.ix.netcom.com>
Source record: 206944
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.misc

In <wynnt.118.00504BAE@utkux4.utk.edu> wynnt@utkux4.utk.edu writes:
>
>In article <4d38ns$4pn@newshost.lanl.gov> Gerald Schmitt
<kc5egg@eule.lanl.gov> writes:
>
>
>>Bill Cheek you are doing yourself much more harm than good
>>reputation wise by posting before regaining your temper.
>
>Hmmm,
> Perhaps in your own eyes or your own opinion, but not mine.
>I think Bill has demonstrated an effective and efficient way to
>deal with slander on the internet. If Bill's response has some
>shock value well "...heat...kitchen..." get it .;-). What is
>wrong with some demonstrative indignation? Most internet slanderers
>pick on victims who have no voice for defense on the net. These
>goof balls pick on Bill who not only has a voice but can put some
>fire behind it. Seeing the reaction of the slanderers to Bill's
>rebuttals has been amusing.
>
>Best regards,
>wynnt
>

Wynnt,

My post in no way slandered Bill or accused him of anything yet he resorted to the same vitriolic name calling he uses on his "slanderers" in his reply to my post.

This response gave me a great deal of insight into his character and confirmed negitive opinions of him. My intent was to offer constructive criticism but Mr. Cheek doesn't seem to respond well to criticism in any form. Since schoolyard name calling bores me I have no intention of continuing in this "discussion".

Jerry

1005. Kenwood TS-450S/AT and the YK-88C

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: Kory Hamzeh <kory@avatar.com>
Message-ID: <Pine.BSD/.3.91.960121124833.2592A-100000@avatar.avatar.com>
Source record: 206945

Does anyone know if I can use the YK-88C filter from a TS-180S in a TS-450S/AT. The Kenwod part number of the CW filter is YK-88C-1, but I have a friend who has a YK-88C (no -1) which was in his TS-180. I wanted to know if it will for in the 450.

Thanks,
Kory
AC6RN

1006. Re: TS-830S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: Johnny Donovan WABC-NY <ru@i-2000.com>
Message-ID: <3102CF84.1693@i-2000.com>
Source record: 206946

>>TS-830S with YG-455C and YK-88C CW 500HZ filters plus MC-50 mike. $475plus shipping. My wife got her ticket (KB0ROD) and would like a
"simpler"
rig. I don't think she likes the fact this rig has a tubes final.

Better think twice before you sell that 830..It is one of the best
sounding rigs
around. I have "upgraded" to a newer "simpler" rig many times but,I will
not
let MY 830 go ever <G>

1007. Re: ***Ham WEB page For all people to use! Give it a TRY***

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: gravyman@bcl.net
Message-ID: <DLI4us.lzx@bcl.net>
Source record: 206947
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.packet,rec.radio.amateur.policy,rec.radio.amateur.space

David Mclean <dmclean@dfw.net> wrote:

>Hello to all:

> Come a take a look at my new web page. I have been working on it for
>the last 4 weeks. I have lots of thing that you will like. Some of the
>things that I have are: MODs, Swap Shop, Dfw repeter list, comment page,
>links to other good ham pages, call looks ups (updated by the sec), radio
>pricing, Links to QRZ,FCC,HRO, and many more. If you are a ham and would
>like you web page added to my list just send me e-mail. Please tell me
>what you like and dislike about the page. I want all types of comments.
>Hope you like what I have.

>--
> David Mclean
> From The World of Hamradio
> KC5NNV is Clear!
>_____
>-----

Dave,

I guess I might be overlooking something, but I don't see a URL listed
here. You might want to post that so people can check out your page.

73,
Mike (AA9NQ)

1008. wanted2buy 2wayCommercial equip

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: jr5795@aol.com
Message-ID: <4duu60$hss@newsbf02.news.aol.com>
Source record: 206948

Iam looking to buy motorola,kenwood,johnson,midland, mobile and portables
in lo band, vhf, uhf, 800 and 900 trunked, also acessories, and kenwood
uhf desktop repeaters, call 718-489-1500 mon to fri afternoons or email
jr5795@aol.com

1009. want motorola mitrek and syntor radios

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: jr5795@aol.com
Message-ID: <4duu65$hsv@newsbf02.news.aol.com>
Source record: 206949

looking to buy motorola mitrek and syntor HIGH POWER (T64 ANDT74 ON THE
MODEL NUMB.TAG) 75 and 110 watt radios, email jr5795@aol.com

1010. Yaesu FT-10 & FT-40

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: David_Edger@fforum.blkcat.com
Message-ID: <NOMSGID_1=3A109=2F239.0_960121_182300_3ea8a8bf@fidonet.org>
Source record: 206950

I've been seeing lots if ads or these new Yaesu rigs but haven't been hearing them in the air around here. I'd be interested in any impressions from users. Thanks and 73, Dave

1011. NCL 2000 Amplifier

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: MIKEKC5GJN@AOL.COM
Message-ID: <4du37d$qmr@news.cis.okstate.edu>
Source record: 206951

I have an NCL 2000 fair shape. for more info email me at mikekc5gjn@aol.com

1012. Looking for older Kenwood parts...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: davie@primenet.com
Message-ID: <4dsp1u$nn2@nnrp1.news.primenet.com>
Source record: 206952

Hi,

I am looking for new or like new parts for an old Kenwood 900 HF Tranceiver.
Kenwood no longer supplies these:

A20-0504-03 "Panel" which is actually the speaker grill for the power supply
K-21-0242-04 Knobs for the front of the radio, need 9

Any ideas on where to get NOS (new-old stock) parts for Kenwood appreciated...

Thanks, Dave

1013. Icom IC706 Extended Rx/Tx Mods Anyone?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: GW0ACH@lordjohn.celtic.co.uk
Message-ID: <4dub0i$12t@florence.scotnet.co.uk>
Source record: 206953

Does anyone know if there are any mods for the IC706 especially one
for extended receive transmit. I would particularly like to be able to
use the rig on 70MHz and 27MHz

Many thanks

de Lord John
GW0ACH

1014. IC2700 Mods and info

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: leonz@ibm.net
Message-ID: <4dtfk9$3ccu@news-s01.ny.us.ibm.net>
Source record: 206954
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.equipment,rec.radio.amateur.misc

I just recently purchased an IC2700H and moved my IC2410 into the house.
First thing I noticed is the VHF receiver in the 2700 is not as good
(selectively) as the 2410. It seems to be more prone to overload and
cross-mod. Anyone have any similar problems and solutions for correction?
Also, I'm looking for any mods for this radio. Can anyone help?

73.

Leon D. Zetekoff, N.C.E.
Z&K Enterprises
1338 SW 3 Street
Boca Raton, FL 33486

E-mail: leonz@ibm.net
CompuServe: 74015,674
AMPRnet: wa4zlw@wa4zlw.#bcr.fl.us.na, wa4zlw@wa4zlw.ampr.org

1015. excuses, excuses....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-21 00:00:00 UTC
From: "Joe F. BV/N0IAT" <joentam@transend.com.tw>
Message-ID: <4dsbhq$qah@keelung.transend.com.tw>
Source record: 206955

Had to laugh...this weekend I was engulfed in the many interesting articles in rec.radio.amateur.equipment. Of the articles read, those with "operator boo boo's" were the funniest.

one guy blames the kids for his mixed up radio programming
another guy blames the dog for doodling on his QST
a third guy blames his wife for the extra small radio budget

Guess we are all "at the mercy" so to speak.

even my wife had a good laugh!

Everyone have a great week. 73 Joe

1016. Re: Icon-706 Mic.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: Ray Wilson <n3rkh@voicenet.com>
Message-ID: <4e13i7$hub@news.voicenet.com>
Source record: 206805

armck@magicnet.net (Ray McKeand) wrote:
>
> What is the best mic for the 706, as the one that comes with it
> you have to really close talk it to get the kind of audio that
> you need? Any info would be appreciated.........
> Ray - KE4UYN - Orlando, FL
>

Ray,

I use an Astatic 575M6. No complaints so far. Also, it is easy to
put up down buttons in this mic.

Good luck and 73.

Ray, N3RKH

1017. Euro FM to US FM tuner conversion...Xtal Q

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: blandp1@aol.com
Message-ID: <4e1n70$if@newsbf02.news.aol.com>
Source record: 206806

I apologize in advance if this is not the correct groupto ask this question of. But here goes:

I have an NAD 402 tuner that I purchased in London. I have moved back to the US and am converting it to 120V operation (easy) and 75us preemphasis (slightly harder). In the NAD service manual, it lists 3 10.7Mhz xtals used in the IF section. For Euro use 2 of the three are "Ceramic Filter 10.7MHz, Murata SFE10.7MZ2-A " and one is "Ceramic Filter 10.7MHz SFE10.7ML-A". For US use the manual specifies that all 3 should be the latter (SFE10.7ML-A) type.

What is the difference in these xtals? Can I leave the Euro standard ones in or will I be giving up some quality in the FM rreception?

Thanks for your answers,

-Philip J. Blanda III

PGP Public key available

1018. Re: ***ONE OF THE BEST HAM WEB PAGES ON THE INTERNET. TRY IT OUT!!***

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: jlyons@CAM.ORG
Message-ID: <4e0m8n$gmh@stratus.CAM.ORG>
Source record: 206807
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.packet,rec.radio.amateur.policy,rec.radio.amateur.space

On 18 Jan 1996, Ken Durham wrote:

> In article <4dk7io$kd1@fnord.dfw.net>, dmclean@dfw.net says...
> >
> >Hello all:
> >
> > In the last message that I sent over usenet I forgot to include my
> >url for my web site. The URL is "http://www.dfw.net/~dmclean".
> ~~~~~~`
> I tried this URL yesterday and again this morning with no results. Netscsape
> keeps contacting the host forever. Please try your page from another site and
> see if it can be accessed.
>
> Ken Durham K5MBV mbv@ti.com
>
>
>
I had no problem accessing it yesterday (Sunday) afternoon, twice ...
once via Netscape and once via Lynx.

Jim Lyons

1019. Re: NiCd cells in Yaesu alkaline packs?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: Ed Coan <ed@aloha.net>
Message-ID: <31036817.28CC@aloha.net>
Source record: 206808

Jim Stubstad wrote:
>
> I have been elmering a new ham with a brand new fancy HT. I told him
> to pick up a AA cell pack as a backup to the stock NiCd pack that came
> on his new HT, because could swap out cheap, readily available AA
> nicads which he already has a fast charger for, or use alkalines for
> longest life. This is what I do with my ancient IC-2 radio.
>
> When he got his FBA-14 pack, it had dire warnings about using
> rechargeable cells in it. I presume that this is just a liability
> thing relating to the well known meltdown property of shorted NiCd and
> other low internal resistance cells, and a way to sell more glued shut
> NiCd packs? The pack seems well constructed and though it is not
> fused, it appears safe as long as not crushed or dunked in water. Is
> there something that I'm missing about either the FBA-14 pack, or the
> FT-11 radio that makes a spontaneous meltdown likely, or is this just
> the lawyers and marketers talking? I realize that this is an at your
> own risk proposition, but none of the older stuff was fused (except by
> springs melting through plastic). I'm just looking for an informed
> risk assessment, not advice.

It's the lawyers. In at least one case, an irate ham threatened to sue Yaesu when he put a pack in a foil lined bag, it shorted out the batteries and filled his car with smoke. He claimed that there were insufficient warnings in the documentation to protect customers.

The danger has nothing to do with the radio, but with the absence of thermal and overcurrent sensors in the dry-cell cases (which are in the Ni-Cd cases)... and the profit opportunity for lawyers looking to make some money on such a suit.

73 de Ed, AH6MI
>
> Jim
>
>

1020. Differences between TH-22 models

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: "Peder C. Tange Noergaard" <ctange>
Message-ID: <4e037p$emc@krone.daimi.aau.dk>
Source record: 206809

Hope it is OK to poste these questions here:

I am considering to buy a TH-22. There seems to be more models
TH-22E, TH-22AT and TH-22ATK2 at least, what is the differences.
When was the TH-22 introduced, and has it been tested in QST ?

Christian (OZ1LSL)

1021. WTB Ten-Tec Centurion or similar

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: Dave Heil <K8MN@clinet.fi>
Message-ID: <4e0pob$seo@katiska.clinet.fi>
Source record: 206810

I'm looking for an HF 160-10m amp using 3-500z finals (x2) second hand.
Price should be within reason and amp should be in good working order and in good cosmetic condx.

73,

Dave Heil OH2/K8MN (Ex-A22MN, 9L1US, J52US)

Helsinki, Finland

1022. Re: Looking for a key

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: Jim O'Connell <jimw9wu@ix.netcom.com>
Message-ID: <3103F7FC.18F8@ix.netcom.com>
Source record: 206811

Jon LIECHTY wrote:
>
> Can anybody tell me how to get ahold of a decent straight key?
> The ads in QST, CQ, 73, and WorldRadio don't give me any leads (I suppose
> I could call up a company that advertizes paddles, and see if they
> "happen" to have a straight key around they'd sell me--but I don't wanna
> waste the phone call(s)). Any leads?
> TNX es 73.
> -Jon (WD9FEP)Bencher makes a beautiful chrome straight key. Call AES or Erickson Communications in Chicago.

73, Jim W9WU

1023. Yeasu Handheld Programming Software

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: bil@eden.com
Message-ID: <4e33k1$hmd@boris.eden.com>
Source record: 206812

Anyone tried the DOS program to set up the Yeasu HTs memory? It's a breath of fresh air, after trying to set one up from the keypad. $40.

1024. Motorola & GE ICOMS for Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: braymer@sunbelt.NET
Message-ID: <01I0AEVJF5A28ZFLO5@SUNBELT.NET>
Source record: 206813

```
I have a box full of icoms for motorola and GE comemerical radios
for sale trade etc.Email too braymer@sunbelt.net

----------
```

1025. W21AT wide-band receive?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: clinton.peebles@saloon.bcbbs.net
Message-ID: <9601220609269857@saloon.bcbbs.net>
Source record: 206814

```
D>I understand that there is a simple mod for wide-band receive on this
D>HT. Apparently, you simply have to hold down 3 keys while powering
D>on. Question is, what three keys? Is it as easy as it sounds? I
```

I think it's the F, B and # keys and turn the radio on.

 QMPro 1.53 Chernobyl used Microsoft Windows.

1026. Re: NiCd cells in Yaesu alkaline packs?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: jdv@iglou2.iglou.com
Message-ID: <DLLJBo.M5o@iglou.com>
Source record: 206815

stubstad@ix.netcom.com(Jim Stubstad) writes:

>I have been elmering a new ham with a brand new fancy HT. I told him
>to pick up a AA cell pack as a backup to the stock NiCd pack that came
>on his new HT, because could swap out cheap, readily available AA
>nicads which he already has a fast charger for, or use alkalines for
>longest life. This is what I do with my ancient IC-2 radio.

>When he got his FBA-14 pack, it had dire warnings about using
>rechargeable cells in it. I presume that this is just a liability
>thing relating to the well known meltdown property of shorted NiCd and
>other low internal resistance cells, and a way to sell more glued shut
>NiCd packs? The pack seems well constructed and though it is not
>fused, it appears safe as long as not crushed or dunked in water. Is
>there something that I'm missing about either the FBA-14 pack, or the
>FT-11 radio that makes a spontaneous meltdown likely, or is this just
>the lawyers and marketers talking? I realize that this is an at your
>own risk proposition, but none of the older stuff was fused (except by
>springs melting through plastic). I'm just looking for an informed
>risk assessment, not advice.

> Jim
As long as you don't store/carry the fba-14 in a manner which would
allow its terminals to be shorted out I don't think it really
matters. I have used Ni-Cds, Alkies, and currently am using
Lithium batteries in my ft-51r.
BTW you cannot charge the batteries WHILE they are mounted in
the fba-14 case as the charging terminals are absent. The
external power terminals are there however and I have used the
EDC-12 to power the radio with the fba-14 mounted.
Also, using the fba-14 case it did not matter which battery type
I used, I could only get about 1.5W out on VHF with my ft-51r.
(UHF power out is unknown as I don't have a UHF SWR/PWR meter yet.)

John KF4ERV
--
****
* Defenselessness is a crime which generates it's own punishment. *
* The four boxes of Freedom: Soap, Ballot, Jury, and Ammo. *
****

1027. Re: HF Rig Selection for NEW ham IC-706,TS-50....?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: Bradford Ashley <ashleyb@ohsu.edu>
Message-ID: <Pine.SOL.3.91.960122113123.9087A-100000@steele>
Source record: 206816

Thanks alot for the reply. I see your point exactly it's all relative. What I really want is to get my foot in the door so to speak. The IC-706 seems to give me a basic HF rig to experiment with 6m and 2m. My antenna situation is very poor at this point due to my living in an apartment. For aprox $1200 this might be the ticket. Yes I would love to get a IC-775 or IC-781 but on my budget it is not an option. Thanks again for the info.

Brad WB7TSO

1028. I need a mod for Mitrek T34 (repeater)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: Stanley Lalli <stanl@primenet.com>
Message-ID: <4e1dfc$4gp@nnrp1.news.primenet.com>
Source record: 206817

I need the mod to convert a Mitrek T34 UHF mobile into a repeater.
If anyone has ANY information, I would gretly appreciate it. I do not
have ANY specs, manuals, or info on this radio

Thank you.
--

\`O.o'
=(_ _)=
U stanl@primenet.com - N7ZQT

1029. ICOM 735 with Power Supply

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: skipp@cts.com
Message-ID: <4e0893$8mb@news2.cts.com>
Source record: 206956

What is used IC735 and PS-55 currently worth?

1030. Re: New JRC XCEVER

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: stan@mutadv.com
Message-ID: <4e08c6$iqr@news-2.csn.net>
Source record: 206957

In article <31023C1B.4AC9@i-2000.com>, ru@i-2000.com says...

>anyone have or used one of the new jrc 245 xcevers?

I've been using mine for about three months and am very pleased.
--
Stan Huntting, KF0IA
Postal Address: 4655 Pleasant Ridge Rd.,
Boulder, CO 80301-1731, USA
email: stan@mutadv.com
KaWin Home Page: http://www.mutadv.com/kawin/
KaWin FTP Site: ftp.csn.net in the directory /kawin

1031. QRP Plus

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: fkelcz@facstaff.wisc.edu
Message-ID: <fkelcz.131.005EED18@facstaff.wisc.edu>
Source record: 206958

Any comments from users of the QRP Plus - especially those
who have chosen it over the Ten Tec Scout 555 would be welcome.

Fred Kelcz
N9SLR
Frederick Kelcz, PhD, MD
Dept. of Radiology
University of Wisconsin, Madison

1032. Re: Connector Insertion Loss

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: acopac@hope.netwizards.net
Message-ID: <4duv7f$17q@news.wco.com>
Source record: 206959

Kory
I think you'll find the losses in connectors at HF are minimal. Ground resistance (ground plane effectiveness) is probably more inportant.

However at VHF 50 some - 144, 450 especially 1200 MHz they are real. Thus the advent of the N and C and other connector schemes.

Noland WB6CKT
Kory Hamzeh <kory@avatar.com> wrote:

>Does anyone know what the insertion loss is everythime you add a PL-259 >connection on your coax? I'm interested in the HF band losses. I have two >connections between the rig and the amp, two between the amp and the >tuner, and will have two more between the tuner and the tuner-tuner, and >two between the tuner-tuner and the antenna.

>I'm wondering how much extra loss is all these PL-259 & SO-239 connection >is causing (not including the loss that each equipment introduces)!

>Thanks,
>Kory
>AC6RN

1033. Re: Sony SW1S for sale!!! (or trade?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: jls@netcom.com
Message-ID: <jlsDLKCCw.5Aq@netcom.com>
Source record: 206960

Dave Campbell (campy@falcon.cc.ukans.edu) wrote:
: I have a Sony SW1S in perfect condition with all accesories and manuals
: and the neat case. I'm upgrading to a base SW rig, so I don't need this
: one any more. I'm asking $200 or best offer, or a reasonable trade.
: Here's the info on the radio:

: Sony ICF-SW1S
: -150-29995kHz AM
: -76-108 MHz FM
: -10 Memories
: -Slightly larger than a casset tape case
: -Antenna controller module
: -Active antenna
: -World power adaptor
: -Deluxe hard carrying case for entire system
: -'Turbo' headphones
: -All manuals and Freq guide
: -Carrying straps

: This is a fine radio that has great sensitivity and is extremely
: portable. You could easily take it with you wherever you go for whatever
: reason necesarry. It's an easy decision to take this radio with you on
: trips, because the carrying case holds everything very securely, and it's
: all so small!

: Dave

: +===+
: |Dave Campbell (913)832-0980 Home |
: |213 Woogate Place (913)681-6950 KC Home |
: |Lawrence, Kansas 66049 (913)681-6951 Fax |
: | Freelance Graphic artist for hire! (816)870-9673 Pager |
: +---+
: | http://falcon.cc.ukans.edu/~campy <--<<< Go on, check it out! |
: +---+
: |"Bow down before the one you serve, GO |
: | you're going to get what you deserve" NIN HAWKS! |
: +===+

Dave's right about this receiver. I have one that I've taken to Europe
several times in a suitcase packed with everything else. It's a honey of
a little package.

Jeff
--
jls@netcom.com

1034. Re: FREE DEMO:DXtreme Station Log System V2.0

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: geo@nando.net
Message-ID: <4dv1si$q3c@castle.nando.net>
Source record: 206961

Is anyone else starting to get tired of this guy advertising on these news groups?

73 DE KQ4QM (George)

1035. Re: Ham Radio Online Magazine Has a Whole New Look!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: trandall@mhv.net
Message-ID: <4dv0iv$ib1@over.mhv.net>
Source record: 206962
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.equipment

In article <4du1ua$7c0@news.accessone.com>,
vbook@vbook.com (Ed Mitchell) wrote:
>
>Check out our new layout at Ham Radio Online magazine. As always, its
free and
>free of ads. The coolest and classiest Ham Radio site on the web. Check
out the
>new articles this week - Reviews of HF propagation prediction software,
an
>article on a proposal to reinstate the low power Class D commercial
broadcast
>FM license and much more!
>
>We are not just pointers to cyberspace - we've got content - real stories
on
>everything having to do with radio telecommunications!
>
>http://www.accessone.com/~vbook/hronline.htm
>
>------------------------
>personal email to vbook@vbook.com
>Visit Ham Radio Online, it's free, at
>http://www.accessone.com/~vbook/hronline.htm
>

I like the new look! Nice web page! I enjoy it.

Tom - KB2SMS

Tom Randall Amateur Radio - KB2SMS
trandall@mhv.net Mt. Beacon Amateur Radio Club / ARRL
Member: AAVSO Solar Division

Opinions herein are mine and they are not that of MHV.NET!

1036. (no subject)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: cstill@iclub.ORG
Message-ID: <199601221839.NAA18583@ci.cinetwork.com>
Source record: 206963

```
add ham-equip
```

1037. Re: TS-690S or IC-736 - Help me please!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: mfp@aros.net
Message-ID: <4e0f06$eg9@news.aros.net>
Source record: 206964

In article <4ca5mh$esl@nnrp1.news.primenet.com>, davie@primenet.com says...
>
> vk8mr@ozemail.com.au (VK8MR (Mike)) wrote:
>>Friends,
>>
>> I am interested in purchasing an all band plus 6 meter rig in the
>>near future and was wondering if any of you out there have personal
>>experience with either of these rigs? There are advantages and
>
>Hi Mike,
>
>I was in the same situation as you, interested in the 690 and the IC 736.
>
>However, for the money, I just lost all interest when the Icom IC-706 came
>out.
>
>There are about 10 in town already and everybody loves them, esp. the 100
>watts on 6 and the ability to replace a 2 meter ssb rig.
>
>Considering no "top of the line" HF rig offers 6 meters, I am saving my
>pennies for the 706. I don't see how, for the price, the existing "mid-line"
>HF+6 rigs can compare. However, the 706 might cause the used 736 & 690 prices
>to drop quite a bit. The used prices around here have been more than the 706
>NEW. Good luck, Dave WE6L Phoenix AZ
One thing the ICOM 706 DOES not HAVE, is a triple conversion receiver, my Kenwood 690 outperforms the receiver of the 706, much quieter, much more selective on HF and 6 meters.

100 watts on 6 meters doesn't sound any better then 50 when the bands are open! The 736 is a wonderful radio and really outperfoms even my 690...so, it just depends on what you really want to HEAR on the HF + 6 side.

The 2 meter reciever IS a triple conversion according to ICOM....so at least that side is up to PAR...

For the money and the bands covered, the 706 is really quite a package..

1038. Re: RTTY SSTV

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: gary.mckelvie@ukonline.co.uk
Message-ID: <4dukl5$6tc@morse.ukonline.co.uk>
Source record: 206965

You should be able to download Hamcom3 and JVFax 7.0 from a local ham bbs
or if you connect to wb4ejc home page you could also download dl4saw sstv
program. All these program work with the jvfax/hamcom(simple 1 ic interface).if
you need any more infomation email me (gary.mckelvie@ukonline.co.uk) 73
de Gary GM7USC.

1039. PLEASE HELP: Radio Design for Severely Handicapped

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: saw@acpub.duke.edu
Message-ID: <saw-2101962031430001@homer.egr.duke.edu>
Source record: 206966
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.shortwave

We are interested in designing/acquiring/modifying a radio (digital?) for use by a severely handicapped individual who was a student before a terrible accident. Only breath-control is practical in this situation. Control of power and tuning are obviously the essential functions needed. We do not want to reinvent the wheel, and are wondering whether anyone has already designed such a radio/interface. I'd be pleased to hear from anyone on this subject, before we start from scratch. The idea here is simply to allow this individual to surf the radio waves, shortwave and other, since disability prevents other activity.

Thanks very much for any assistance.

Very truly yours,

Seth Watkins
Department of Mechanical Engineering and Materials Science
Duke University
Durham, North Carolina 27708-0302
email saw@acpub.duke.edu

1040. Re: WTB: Tektronix 7L12 Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: had@halcyon.com
Message-ID: <NEWTNews.8974.822324880.had@had>
Source record: 206967

In article <3102635D.35A0@packet.net>, <mmaseda@packet.net> writes:

> I'm looking for a manual for a Tektronix 7L12 spectrum analyzer plug-in.
>
> Manuel WF1J
>

Manuel,
Call Dean Kidd at 503/6257363.
He has manuals for most Tek gear. Very attractive prices.

Hadley, N7REN

1041. Re: Icom IC706 Extended Rx/Tx Mods Anyone?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan22.161554.22375@ke4zv.atl.ga.us>
Source record: 206968

In article <4dub0i$12t@florence.scotnet.co.uk> GW0ACH@lordjohn.celtic.co.uk (Lord John) writes:
>Does anyone know if there are any mods for the IC706 especially one
>for extended receive transmit. I would particularly like to be able to
>use the rig on 70MHz and 27MHz

Removing D59 and resetting the processor will open up transmit for HF through 60 MHz. I don't know the regulations in your lordship's country, but here in the States use of this radio over the air on 27 MHz would be forbidden since the radio is not type accepted for that service. (Driving a transverter with it would be fine however.)

There is no known mod to allow transmit on 70 MHz as yet. There are a number of people trying to get expanded VHF transmit coverage from the unit, but no one seems to have found the right combination to make that happen, and it looks like that if anyone does it will only open it up for 118 MHz to 172 MHz, and not the 70 MHz band. That's because T8 is only asserted in the 118-172 area of VHF, T8 controls the TR relay. (Note, most uses, aside from MARS/CAP, of the unit over that range would also be forbidden under US rules, yours may be different.)

The radio is an interesting puzzle, but I don't intend to leave any out of amateur band transmit mods in mine after I finish exploring the puzzle. I don't want the possibility of accidentally transmitting out of band to exist in the radio, and I certainly wouldn't condone deliberate transmission out of band.

I am concerned about better out of band reception, however. There is the so called yellow wire mod which improves VHF reception somewhat outside the 2 meter amateur band, but that mod doesn't give the full coverage the radio is capable of supplying. I've discovered a change to the 60-200 MHz bandpass filter that offers a marked improvement in sensitivity across that range, but I've been cautioned that it may make the radio very susceptable to intermod when used on 2 meters. So far I haven't experienced this (I'm in a suburban area not overly plagued with strong pager transmitters), but a bit of caution is advised until this is researched more carefully.

It appears that any problem of this nature would be the result of excessive leakage signals around D6 and D7, the bandpass filter switching diodes. It should be possible to solve that, perhaps by driving the switches harder via a resistor change, or by using diodes with better isolation characteristics. I'm refurbishing an old General Radio unit oscillator to serve as a pager simulator to test this theory.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1042. Need frequencies for Punta Gorda, Florida

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4e09f2$pta@mksrv1.dseg.ti.com>
Source record: 206969
Cross-posted to: rec.radio.scanner,rec.radio.swap,rec.radio.amateur.equipment

Does anyone have the public service radio frequencies
for Punta Gorda, Florida? Interested in police, fire,
ambulance, paramedics, airport tower/ground/unicoms,
et cetera. Need to program up a scanner for my mom.

Thanks! Dean Hemphill
QRP%mimi@magic.itg.ti.com

1043. Wanted manuals for NCX-3.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: rik Schneider <rik@deranged.schneider.org>
Message-ID: <3103E362.33A9@deranged.schneider.org>
Source record: 206970

I was given a National NCX-3 XCVR without any manuals or other info.
I need manuals and schematics and will pay pay postage and copying
fees. If you can help please E-mail me.

73s de kc7cey

--

+--+
| The views expressed do not necessarily reflect those of my wife. |
| rik@deranged.schneider.org kc7cey@deranged.schneider.org |
+--+

1044. Re: ***Ham WEB page For all people to use! Give it a TRY***

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: rong@computer.net
Message-ID: <4dunbd$rdc@news.computer.net>
Source record: 206971
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.packet,rec.radio.amateur.policy,rec.radio.amateur.space

David Mclean <dmclean@dfw.net> wrote:

>Hello to all:

> Come a take a look at my new web page. I have been working on it for
>the last 4 weeks. I have lots of thing that you will like. Some of the
>things that I have are: MODs, Swap Shop, Dfw repeter list, comment page,
>links to other good ham pages, call looks ups (updated by the sec), radio
>pricing, Links to QRZ,FCC,HRO, and many more. If you are a ham and would
>like you web page added to my list just send me e-mail. Please tell me
>what you like and dislike about the page. I want all types of comments.
>Hope you like what I have.

>--
> David Mclean
> From The World of Hamradio
> KC5NNV is Clear!
>_____
>---

Try our web page:

www.computer.net/nwara/wb2ixr.html

RON
****

RON GOLDSTEIN---KA2IIA
******
STAY YOUNG---DRIVE A VINTAGE 427 CORVETTE
KEEP YOUR MIND ACTIVE--BECOME AN AMATEUR RADIO OPERATOR

1045. Want Heath HW-9 manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: Jeff Blumenfeld KB3DX <jeffreyblu@aol.com>
Message-ID: <3103AD34.5E3@aol.com>
Source record: 206972

I have a Heath HW9 with WARC band pack, which I love. But I bought it at a Hamfest, and never did get the manual. I would be happy to pay for copying, or to copy the manual myself, paying shipping in both directions. If you can help, you may respond here, or email me at jeffreyblu@aol.com. Thanks.

1046. Re: New JRC XCEVER

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: RLS@psu.edu
Message-ID: <4e0u0b$1rm2@hearst.cac.psu.edu>
Source record: 206973

In <4e08c6$iqr@news-2.csn.net>, stan@mutadv.com (Stan Huntting) writes:
>In article <31023C1B.4AC9@i-2000.com>, ru@i-2000.com says...
>
>>anyone have or used one of the new jrc 245 xcevers?
>
>I've been using mine for about three months and am very pleased.

Would you be willing to post a review of the transceiver? I would be very interested in knowing more about it from the point of view of someone who has used it on the air. QST ran a review of it several months ago, and it looks good, but they didn't say anything about how loud the keying was when operating full break in, etc.
regards,
Bob AD3K

>--
>Stan Huntting, KF0IA
>Postal Address: 4655 Pleasant Ridge Rd.,
> Boulder, CO 80301-1731, USA
>email: stan@mutadv.com
>KaWin Home Page: http://www.mutadv.com/kawin/
>KaWin FTP Site: ftp.csn.net in the directory /kawin
>

Robert L. Spooner Applied Research Laboratory
(814) 863-4120 PO Box 30
RLS19@PSUVM.PSU.EDU State College, PA 16804-0030

1047. Re: FT-51 computer interface

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: Al Wong <alwong@mitre.org>
Message-ID: <4dv02e$4up@linus.mitre.org>
Source record: 206974

Yves,

What you are looking for is the YAESU ADMS-1B, software and cable for
programming the FT-11/41/51r, FT-10/40R.

It is produced by YAESU and is not a shareware product. You can order
this on the net by placing your order to www.hamradio.com. The price is
either $39.99 or $49.99 US dollars.

Al Wong
alwong@mitre.org

The above is my opion and does not reflect that of my employer.
As with all my opions, I write them, you interpret them!

1048. Re: Yaesu FIF-232c information and/or help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: drranu@holly.ACNS.ColoState.EDU
Message-ID: <4e0jcg$22kk@yuma.ACNS.ColoState.EDU>
Source record: 206975
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment

Chester Mccarter (jcmccarter@amoco.com) wrote:
: I have a Yeasu FT747GX and am trying to find a diagram of the FIF-232c
: CAT cable. I'm sure that there is someone out there that has built a
: similiar type cable. Please reply via e-mail also.

Try February QST, 1993 page 37. Less than $10 to make and works
damn well.

: --
: Chester Mccarter, CNE
: [Team OS/2]
: jcmccarter@amoco.com

--
-Emarit 73's drranu@holly.ColoState.EDU
Electrical Engineering, Colorado State Univeristy
KG0CQ _.-_ __. _____ _.-. __.-_
Packet: KG0CQ@KF0UW.#NECO.USA.NOAM
All generalizations are bad. Censorship: #######

1049. Alinco DJ-560 Cross Band Question?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: Dick Harper <dharper@kumc.wpo.ukans.edu>
Message-ID: <1996Jan22.134426.112483@kuhub.cc.ukans.edu>
Source record: 206976

Thanks for reading,

When trying to use an Alinco DJ-560 HT with a cross band repeater
I'm having a problem with muting the receiver during XMIT. (No
problem with an Alinco DJ-580, you have to turn on Full Duplex)

Is it possible to go half-duplex with the DJ-560? Have I missed
something in the instruction book?

73's de N0USP, Dick

Please reply to:
dharper@kumc.wpo.ukans.edu

1050. Re: Morse code to text display wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: gsparks@ix.netcom.com
Message-ID: <4e11t1$1om@cloner2.ix.netcom.com>
Source record: 206977
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

John,

Of course inexpensive is comparative, but you should be able to find an XT or 286 PC with monochrome monitor for under $100.

There are 2 or 3 at least shareware programs that are a $10-20 registration that will do this fairly well. The first that comes to mind is the PRO-CW, at least I think that was the one, it included a schematic for the interface also. I played with it for a while, and it worked if someone had a clean fist or sent with a keyboard. I probably still have it somewhere if you can't find it anywhere else. I also think it is on the QRZ CD or home page also.

Good Luck
Glenn Sparks KI5GY gsparks@ix.netcom.com

In <4du55d$irl@sue.cc.uregina.ca> john@MERCURY.CS.UREGINA.CA (John Rosloot) writes:
>
>Hi. My dad is a Ham operator, and asked me if there were some inexpensive
>way to have incoming Morse code automatically translated and displayed on
>a CRT. Since I know nothing about Ham radio, I thought I'd post here. I'm
>sure what he wants to do must be possible; don't know about the inexpensive
>part though. If anyone can help us out I'd appreciate it. I'd prefer that
>responses be sent in private email, as I usually don't read these groups.
>
>Thanks in advance.
>
>--
>John Rosloot, technical analyst
>Dept. of Computer Science, University of Regina
>Regina, Saskatchewan, Canada
>http://www.cs.uregina.ca/~john/
>john@cs.uregina.ca

1051. Re: Connector Insertion Loss

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan22.143250.21816@ke4zv.atl.ga.us>
Source record: 206978

In article <Pine.BSD/.3.91.960121125056.2592B-100000@avatar.avatar.com> Kory Hamzeh
<kory@avatar.com> writes:
>
>Does anyone know what the insertion loss is everythime you add a PL-259
>connection on your coax? I'm interested in the HF band losses. I have two
>connections between the rig and the amp, two between the amp and the
>tuner, and will have two more between the tuner and the tuner-tuner, and
>two between the tuner-tuner and the antenna.
>
>I'm wondering how much extra loss is all these PL-259 & SO-239 connection
>is causing (not including the loss that each equipment introduces)!

At HF, how carefully you install the connector on the cable has more
to do with the amount of loss you'll suffer than the connector itself.
With reasonable care, loss per connector should be less than 0.2 db.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1052. FS:Johnson (Shure 444) mic

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: Wade Sick <sick@admin.swcc.cc.ia.us>
Message-ID: <DLLI9L.7z9@news.zippo.com>
Source record: 206979

I have a Johnson microphone for sale for $20 plus shipping. It is a Shure mic, 444-style without the VOX switch in the base. The metallic Johnson insignia has a few minor surface scratches, but otherwise looks ok and works excellent.

E-mail or call 712-829-2414 after 6 pm CT.

1053. Yaesu FIF-232c information and/or help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: Chester Mccarter <jcmccarter@amoco.com>
Message-ID: <31036CEA.5D9B@amoco.com>
Source record: 206980
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment

I have a Yeasu FT747GX and am trying to find a diagram of the FIF-232c CAT cable. I'm sure that there is someone out there that has built a similiar type cable. Please reply via e-mail also.

--
Chester Mccarter, CNE
[Team OS/2]
jcmccarter@amoco.com

1054. ### MEM. FREE BATT. FOR KW TH-78A ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: storm5@indirect.com
Message-ID: <storm5-2201961206560001@s52.tucslip.indirect.com>
Source record: 206981

Does anyone know a source for getting a memory free, Nickel-metal hydride battery for a Kenwood TH-78A.

Please e-mail to storm5@indirect.com

Thank, Warren

1055. WTB Ten-Tec Centurion or similar

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: Dave Heil <K8MN@clinet.fi>
Message-ID: <4e0pph$seo@katiska.clinet.fi>
Source record: 206982

I'm looking for an HF 160-10m amp using 3-500z finals (x2) second hand.
Price should be within reason and amp should be in good working order and in good cosmetic condx.

73,

Dave Heil OH2/K8MN (Ex-A22MN, 9L1US, J52US)

Helsinki, Finland

1056. Re: Looking for a key

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: Jim O'Connell <jimw9wu@ix.netcom.com>
Message-ID: <3103F82D.6B8E@ix.netcom.com>
Source record: 206983

Jon LIECHTY wrote:
>
> Can anybody tell me how to get ahold of a decent straight key?
> The ads in QST, CQ, 73, and WorldRadio don't give me any leads (I suppose
> I could call up a company that advertizes paddles, and see if they
> "happen" to have a straight key around they'd sell me--but I don't wanna
> waste the phone call(s)). Any leads?
> TNX es 73.
> -Jon (WD9FEP)Bencher makes a beautiful chrome straight key. Call Erickson
Communcations in Chicago, or AES

73, Jim W9WU

1057. Re: TEN TEC Scout 555

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: Cormac Thompson <cormac@televar.com>
Message-ID: <3103983E.509@televar.com>
Source record: 206984

Robert Mac Sween wrote:
>
> Do you own one? Do you like it?
> Any complaints/problems?
>
> I am thinking about getting one.
> Your opinion counts!
> I have had a Scout for over 2 years and think it is a fine rig. I have subjected it to a rough life, mobile and camping, as well as fixed use in both modes and it performs well. Great receiver, excellent filter system (doesn't sound constrained) and adequate power for all applications, even mobile with a good antenna.

It has a few quirks, but then every rig out there is a compromise in one way or another. The best thing I can say, is yes, I would buy one again if I had it to do over.

Good Luck & 73
Cormac, W7JHS
cormac@televar.com

1058. Pagesboy Chargers for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: braymer@sunbelt.NET
Message-ID: <01I0AETEZDYE90NFJ1@SUNBELT.NET>
Source record: 206985

```
I have couple boxes of Pageboy chargers for sale obo
email too braymer@sunbelt.net
---------------
```

1059. Re: TEN TEC Scout 555

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: kingbp@ka1fqt.mv.com
Message-ID: <DLKB68.LLB@mv.mv.com>
Source record: 206986

I own a Scout and like its simplicity and easy operation. You buy what you need so if working 160m is not a priority then its not part of the total package required to get on the air.

I've worked several DX countries using dipoles and 50w output. I've received several reports on its excellent sounding audio signal. CW reports come back complimentary as well. It does drift a little bit but only during temperature differentials. I haven't had a drifing problem for quite some time though. The receiver is adequate. There are some signals that I lose below the noise floor. A Radio Shack DSP audio amp helps out for some of those weak ones.

Bottom line is this is a very affordable rig. You can get on the air in a matter of minutes.

73's

Bryan

1060. Re: Opinions on the TenTec Scout?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: <>
Message-ID: <4e04eb$9gq@mozz.unh.edu>
Source record: 206987

>Here are some FACTS I have gathered about the Scout from actual on
>the air experience.

I'll add some additional comments which I hope are helpful.

>3. When used mobile, they are very voltage sensitive. On cw their
>frequency constantly changes as engine speed changes.

It sounds as though this might be an installation-specific problem --
poor connection method to power source. I operated alot of mobile CW
on the Scout and this problem was never reported. Maybe this is the
same as the "frequency drift" problem (which is acknowledged in the
Scout's manual, though again, I never experienced it).

>8. Receive current drain is not all that low and would not make a
>good choice for portable battery powered rig.

The LED display draws much of the 600 mA receiver current drain. I
have heard rumors of people making a modification to switch the
display on and off externally, so that once the frequency was set, the
display could be turned off, reducing the drain. TEN-TEC may be able
to offer suggestions here.

>9. The controls feed cheap compared to the import rigs.

The VFO knob feels stiff, and does not offer any adjustments. This
helps avoid accidental frequency changes in mobile operation, while
still allowing intentional quick changes (i.e. without a "VFO lock"
switch).

-Drew

-- - - - -
Andrew M. Moore moore@moore.sr.unh.edu NV1B CFO#963 QRQ CW || o ||

1061. Re: ***ONE OF THE BEST HAM WEB PAGES ON THE INTERNET. TRY IT OUT!!***

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: Bob Fritz <bfritz@sd.inri.com>
Message-ID: <4e09l9$o88@gozer.inri.com>
Source record: 206988
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.packet,rec.radio.amateur.policy,rec.radio.amateur.space

Response is extremely slow - never did get to more than a blank page in about four minutes of waiting.

1062. WTB: AT500

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: lmenzel@millcomm.com
Message-ID: <4dupnk$omk@misery.millcomm.com>
Source record: 206989

Want to buy MINT condition AT500 automatic tuner. Will pay top dollar
for mint equipment.

Please reply via email, I'm asking for a fellow ham.

Larry Menzel N0CIB
lmenzel@millcomm.com

1063. Cubical Quad Antennas made in the USA?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: Karl-Heinz.Merscher@uvw.uni-bayreuth.DE
Message-ID: <395120879C5@btv0g3.nov.uni-bayreuth.de>
Source record: 206990

Hi out there,

does anybody know where to get good cubical quad antennas in the
USA or Canada?

Up to now I have the following addresses:

Lightning Bold Antennas
Gem Quads (Does anybody know the FAX #??)

Thanks for your help!

vy 73 de DL6RDE/AA1KD, K.-H.

1064. HTX-212 - Not Bad!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: ae758@ccn.cs.dal.ca
Message-ID: <4e0ltj$rne@ra.isisnet.com>
Source record: 206991

Well, I broke down and bought that HTX-212 at the local RS store, despite being sworn to Kenwood. It was only $299 Cdn and it it seemed a good deal, including full CTCSS capability, 30 Channel Memory, 45W output etc.. In fact it was a good deal, undercutting the nearest competition by at least $100Cdn.
Just three things about that really bug me-

1. Non-ham freqs cannot be stored in memory. This is a real drag if you want to keep track of your local emergency services, despite the radio being able to tune 136-173 mHz. This may have been deliberate on RS part, avoiding problems with "mobile use of scanner" laws in many US jurisdictions, but I'd like to have the option. A quick look at the schematic reveals no suspicious diodes lurking around the logic chips, so this won't be easily modified without a new EEPROM (unless someone knows a magic key hold-down combination during power up.

2. The mike and bottom row of function tiles are unilluminated, unfortunately a common trait in many lower cost radios.

3. The PTT button has too soft an action, every time I hit another maritime Canada monster pothole holding the mike, I kerchunk the local repeater. I like a real man's PTT switch, one that takes a real effort to activate.

Generally my findings confirm a review I just saw in the Jan. 96 CQ VHF premier edition. If you can live with objections 1, 2, and 3 you'll be happy with this radio as a mobile or basic station rig.

73's and happy hammin'

Jay Doucet
VE1CUT
Halifax, NS Canada
ae758@ccn.cs.dal.ca

--

1065. Erickson GE Monogram Commercial 40 Watt FM Mobile For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: ve7zvz@dowco.com
Message-ID: <ve7zvz-2201961155020001@ppp49.dowco.com>
Source record: 206992
Cross-posted to: rec.ham-radio.swap,rec.radio.amateur.equipment,rec.radio.swap,alt.radio.scanner

Erickson GE Monogram Commercial 40 Watt FM Mobile For Sale.
Very Rugged up to 16 channel EPROM progamable.
Frequency Range 136 Mhz - 174 Mhz
All options Duplex, tones, scan, etc.
Currently has 16 Marine channels programmed:
6,8,9,11,12,15,16,18,20,22A,68,69,70,72,79,80A.
Perfect for small business in need of a high quality mobile to communicate
with base or for pleasure boater who requires these already programmed
frequencies.

Technical specs sheet on the Monogram Radio:

Dimensions: 51mm X 152mm X 210mm
Channels: 16
Weight: 1.9Kg with mike
Battery Drain: .4A standby
.8A receive
8A transmit
Programming: PC programming
Frequency Range: This unit tuned for VHF low (148Mhz to 165Mhz)
RF Power: 40W adjustable
FM Hum and Noise: -45dB
Spurious and Harmonics: -70dBc
Channel Spacing: 25kHz
Audio Distortion: <3% @ 1000Hz
RF Out/Input Impedance: 50 Ohms
Sensitivity: .3 microvolt
Selectivity: -70dB
Intermoduation: -70dB

Product Features:
Channel Guard/Digital Channel Guard
Fluorescent Disply
Dual Priority Scan
Sythesized

Field PC Programmable: Microprocessor design provides for personality
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HF mobile, etc.

--
Scott Leaf VE7ZVZ CN89os
ve7zvz@dowco.com
Port Coquitlam, British Columbia, Canada
Mountain DX Club - "To boldy VHF where no ham has VHFed before"
Coming up Summer '96 DX-pedition to rare grid CO80, on 6M, 2M & 70cm

1066. Re: wanted manual for Eico 720

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: Jeff Blumenfeld KB3DX <jeffreyblu@aol.com>
Message-ID: <3103AC31.64B8@aol.com>
Source record: 206993

I sold an Eico 720 with manual about 20 years ago to a then-young ham named Randall (Randy) Bardwell, who is still listed on the ham rosters, at least on my Callbook CD-ROM. I don't remember the call. He might still have the radio.

1067. PLEASE HELP: Radio Design for Severely Handicapped

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: saw@acpub.duke.edu
Message-ID: <saw-2101962050020001@homer.egr.duke.edu>
Source record: 206994

We are interested in designing/acquiring/modifying a radio (digital?) for use by a severely handicapped individual who was a student before a terrible accident. Only breath-control is practical in this situation. Control of power and tuning are obviously the essential functions needed. We do not want to reinvent the wheel, and are wondering whether anyone has already designed such a radio/interface. I'd be pleased to hear from anyone on this subject, before we start from scratch. The idea here is simply to allow this individual to surf the radio waves, shortwave and other, since disability prevents other activity.

Thanks very much for any assistance.

Very truly yours,

Seth Watkins
Department of Mechanical Engineering and Materials Science
Duke University
Durham, North Carolina 27708-0302
email saw@acpub.duke.edu

1068. Re: Ten-Tec & 6-meter amps

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: Chester Bowles <bowles@cmf.org>
Message-ID: <4e0c3p$hr7@news.monad.net>
Source record: 206995

an142028@anon.penet.fi (sorbie) wrote:
> The only problem I have with this line of reasoning is that
>Mirage sells a 160-watt 6-meter brick.....

Good point. Besides, the TEN-TEC amp is advertised as 30 watts--hardly
the kind of power which will turn the head of an avid 11 meter fan!

Sounds to me like TEN-TEC is being a bit over-sensitive and I've written
them to make that point. I also suggested that they sell the 6 meter
transceiver kit as a 30 watt unit (for more $, obviously). That way,
they aren't selling a 6 meter amplifier.

Chet, AA1EX
--

CHESTER S. BOWLES	Education, rehabilitation, housing,
Vice President	and managed care for children,
Crotched Mountain Foundation	adolescents and adults with physical
One Verney Drive	and developmental challenges.
Greenfield, NH 03047	http://www.cmf.org
603.547.3311 ext. 404	bowles@cmf.org

1069. Re: Opinions on the TenTec Scout?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <4dvsv7$hao@info4.rus.uni-stuttgart.de>
Source record: 206996

In article <36@sellington.win.net>,
Steve Ellington <nfourlq@sellington.win.net> wrote:
>Here are some FACTS I have gathered about the Scout from actual on
>the air experience.

Well, here are some facts that are also worth mentioning:

1) The modules contain a front end pass band filter for RX,
which is generally missing from other rigs, and which is very valuable
in crowded parts of the world.

2) Surely the frequency locked VFO is more sensitive
than a synthesizer. Do not forget that in return you get
a nice and clean signal with very low sideband noise.
(wich, incidentally, helps a lot on receive also).

3) combining good RX signal handling with low current drain
in a receiver is about as impossible as combining low current drain
with high TX output power.

73, Moritz DL5UH

1070. Re: IC-706 Service Manuals are HERE!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan22.151656.22087@ke4zv.atl.ga.us>
Source record: 206997

In article n4lq@iglou.com (Steve Ellington) writes:
>While you're at it. See if you can devise a way to improve qsk. Or at
>least speed up the response of the relay so it doesn't chop dits and or
>make it quieter.

The keying is totally electronic. Q48 drives a diode switch in the
9 MHz IF to key the carrier on and off. The relay you hear clattering
is RL1 in the filter unit. It's the TR relay. The only delay it has
is a 0.0047uf bypass cap across the coil. I don't think that's slowing
it enough to matter. VR109 is the CW waveform adjust. In conjunction
with C177 and C178, it sets the keying pulse rise and fall times.
Twiddling with it may improve keying. Otherwise, the problem is a
timing problem in the firmware between the time T8 is asserted and
the time keying starts (ICW asserted by IC10 pin 16). Since IC25
is both the keyer and the control uP, it's possible some timing
loop is nested incorrectly causing ICW to be asserted before T8
on initial dits.

I'm not a Morse operator, so I'll ask you to try this test. Set
the radio for manual keying and tell me if it chops dits when
the internal keyer is not used. If it does, then RL1 may be
mechanically too slow, and the source of the problem. If it
QSKs properly with a straight key, then the problem is most
likely in the firmware of the uP.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1071. Re: Ten Tec ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: <>
Message-ID: <4e03i1$82l@mozz.unh.edu>
Source record: 206998

>Never seem to see a post on the Ten Tec Omni. How do they compare
>with other rigs in the same price class? Are they as good as the adds
>say?

I can't speak for the Omni V, but if you're referring to the Omni VI, it's the best I've ever used. As with the Scout, the radio seems to be a perfect combination of simplicity, features, and performance. I operate mostly on CW, and this radio by far as the best CW characteristics I've used, on both transmit and receive. The radio allows control of the keyer weight, speed, curtis type A or B operation, sidetone pitch and volume, waveshape, and has separate RX and sidetone volumes. I had the chance to open my Omni 6 up to install a filter, and I was equally impressed with the mechanical design and construction of the radio.

I could continue forever on the merits of this radio, but maybe I'll wait until I've had more time and a better setup to evaluate it (currently using a 1/4 wave vertical with no ground plane, and no RF grounds -- in an apartment). In short, it's simply the best I've used in the 8 years that I've been licensed. It's nice to see a radio engineered so well. Opinions may vary.

-Drew

---------- - - - -
Andrew M. Moore moore@moore.sr.unh.edu NV1B CFO#963 QRQ CW || o ||

1072. VHF Converters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: VillyM@cus.cul.ca
Message-ID: <4e0eu2$cj6@missun.cus.cul.ca>
Source record: 206999

Is anyone aware of a company selling VHF converts for the Air Band (108 - 132 MHZ ?)
kit form preferred, but prebuilt ok too

Thanks & 73

Villy VE6SQ

1073. NiCd cells in Yaesu alkaline packs?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: stubstad@ix.netcom.com
Message-ID: <4dv4pg$1mh@ixnews3.ix.netcom.com>
Source record: 207000

I have been elmering a new ham with a brand new fancy HT. I told him to pick up a AA cell pack as a backup to the stock NiCd pack that came on his new HT, because could swap out cheap, readily available AA nicads which he already has a fast charger for, or use alkalines for longest life. This is what I do with my ancient IC-2 radio.

When he got his FBA-14 pack, it had dire warnings about using rechargeable cells in it. I presume that this is just a liability thing relating to the well known meltdown property of shorted NiCd and other low internal resistance cells, and a way to sell more glued shut NiCd packs? The pack seems well constructed and though it is not fused, it appears safe as long as not crushed or dunked in water. Is there something that I'm missing about either the FBA-14 pack, or the FT-11 radio that makes a spontaneous meltdown likely, or is this just the lawyers and marketers talking? I realize that this is an at your own risk proposition, but none of the older stuff was fused (except by springs melting through plastic). I'm just looking for an informed risk assessment, not advice.

Jim

1074. Commercial Rig Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: martya@ldd.net
Message-ID: <4e0h90$rqh@sparky.midwest.net>
Source record: 207001

Hello:

I have seen a large number of requests for various mods to commercial rigs, mostly to convert them to 9600 bps packet, in this group and a few others. While there have been a lot of questions, I have seen few answers posted. I can only assume that these folks are getting answers in mail.

Is there a site someplace that has the variuos mods for commercial rigs?

If not, maybe someone with access to set up a page should think about doing so?

Take Care & 73

Marty Albert (Amatuer Radio Station KC6UFM)
Fredericktown, MO USA

1075. Kenwood TM-331A Info Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: dhinch@cello.gina.calstate.edu
Message-ID: <4e064u$sms@cello.gina.calstate.edu>
Source record: 207002

I just purchased a used TM-331A at the weekend swapmeet; works great.
The problem is, no manual. I have figured out most of the functions.
The one that is giving me problems is entering the lower and upper
frequencies for the VFO tuning range. It is not obvious to me and is
currently set to 215 to 220; not a very useful range. Any help would be
greatly appreciated. Thanks in advance.

Dave KE6MYC
Email: dhinch@cello.gina.calstate.edu
--

1076. ICOM 706 observations... comments?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: ga19989@evax01.d51.lilly.com
Message-ID: <1996Jan22.120029.1@evax01.d51.lilly.com>
Source record: 207003

I have had my Icom 706 for about a month now and it's pretty much what I expected, thanks to the comments I read in this newsgroup before I bought it.

Here are a few items that I have not yet seen addressed:

1. Cross-band operation is not possible... (makes it rough to work RS-10 and RS-12 satellites)... at least I have no solution for this... any hints? The preset split is not wide enough, can program in a different transmit freq but won't key.

2. Cross mode operation also not possible, but that's no big deal.

3. One thing that is surprising is that the beep at the band edges is not where it should be on every band... specifically, 80 meters beeps at 3400 and (if I remember correctly) 4100 khz. I see no adjustment for band edges in the owner's manual. Any hints? (yes, it also transmits inside these limits... of course, I transmitted into a dummy load just for the record)

Otherwise, once I add a CW filter*, it ought to make a nice rig for mobile/vacation/field day. (Mine has NO audio problems with factory mike, got good audio reports on 2 meter and 6 meter SSB. Also, working up to 40 wpm full break in is no problem, and above 40 you can adjust the weight control a little to compensate the CW.... maybe I got an improved version of the ones others commented on?)

*Strong adjacent CW signals overload front end to the point that an audio DSP can't handle them, but an audio DSP works fine at separating CW if no strong signals nearby. I find the receiver sensitivity with pre-amp to be as good as my Kenwood TS940. (maybe my 940 is going deaf, but I blame the lack of sunspots for weak DX signals)

Mel KJ9C

1077. Re: Ten-Tec & 6-meter amps

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-22 00:00:00 UTC
From: "Dana H. Myers" <Dana.Myers@West.Sun.Com>
Message-ID: <4dvfki$pub@abyss.West.Sun.COM>
Source record: 207004

an142028@anon.penet.fi (sorbie) wrote:
>>From: Chester Bowles <bowles@cmf.org>
>>Newsgroups: rec.radio.amateur.equipment
>>Subject: TEN TEC Six Meter Kits
>
>>but said FCC regulations did not permit
>>the extra power module to be sold for the six meter version. What's that
>>all about?
>
> I happened to be talking to them (Ten-Tec) on the 'phone,
>and asked about 6-meter amps, and the response was that any
>transistor which would work well at 50 MHz would work *GREAT* at
>11 meters. The fear is that someone could change the component
>values in the tuned circuit (probably by just padding the
>capacitance) and presto! - instant 11-meter mobile "brick."

Hmmmm.... possibly Ten-Tec simply isn't interested in the effort and
expense involved in gaining the type acceptance required for external
amplifiers below 144MHz.

> According to what I was *TOLD*, manufacturers of legitimate
>solid-state HF amplifiers use devices which die above 25 MHz to
>prevent a "hacker" from using them on 11 meters, but since a 50 MHz
>"brick" wouldn't be that far away in frequency and would no doubt
>have a device which works well at 27 MHz, the risk is high. A
>2-meter brick, though, is far enough away in frequency that more
>extensive mods would be necessary to make it work at the lower
>frequency, so the risk is lower.

Given that virtually every HF amplifier sold into the amateur
market is modifiable to restore 10m coverage (legal for an
amateur to do for his/her own use, see 47 CFR Part 97.315),
I have a little bit of difficulty accepting this explanation.
Furthermore, when you look at Gain vs. Frequency charts of
HF power amplifier transistors, they're fairly linear, I don't
recall ever seeing an HF part that had a sudden drop-off
in gain after 25 MHz.

> The only problem I have with this line of reasoning is that
>Mirage sells a 160-watt 6-meter brick.....

Mirage probably decided the expense of type acceptance was worthwhile
since they sell quite a few amplifiers.

By the way, the type acceptance regulations are for external amplifiers
only; transmitters are not required to have type acceptance, though

both transmitters and amplifiers have the same spectral purity requirements.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *

1078. IC751a Price

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: amarin@mailgw.sanders.lockheed.com
Message-ID: <amarin.6.0010473B@mailgw.sanders.lockheed.com>
Source record: 206818

Could someone give a fair price for the IC751a Transceiver? Many thanks.

1079. Re: AOR AR-8000

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: discus@caverns.com
Message-ID: <discus-2301961316450001@dialup6.caverns.com>
Source record: 206819

In article <3105009A.295E@mindspring.com>, Kevin McGuirt
<kmcguirt@mindspring.com> wrote:

> Does anyone know anything about the AOR AR-8000? Is this a decent
> quality receiver throughout its broad coverage range or is more than
> half of the range useless like on the ICOM R-1? Any replies would be
> appreciated.
>
> Kevin McGuirt
> KK4AG

It is vastly superior to the R-1 but still not a great receiver at HF.

Larry (NU5M)

1080. Re: AOR AR-8000

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: Scott Remington <saremington@delphi.com>
Message-ID: <hVApA2j.saremington@delphi.com>
Source record: 206820

David Feustel <feustel@netcom.com> writes:

>: > Does anyone know anything about the AOR AR-8000? Is this a decent
>: > quality receiver throughout its broad coverage range or is more than
>: > half of the range useless like on the ICOM R-1? Any replies would be
>: > appreciated.
>: >
>: > Kevin McGuirt
>: > KK4AG

>: It is vastly superior to the R-1 but still not a great receiver at HF.
>
>: Larry (NU5M)
>
>How much of an improvement does the -dx option make to its HF
>performance?
>--
>feustel@netcom.com

From what I've read in the scanner newsgroup, the -dx option allows you to use the SSB filters in AM mode. I'm in parrot mode so can't quote from experience.

73
de KC7MRV

1081. Re: Connector Insertion Loss

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: jsmith@mnsinc.com
Message-ID: <31056669.12215597@news1.mnsinc.com>
Source record: 206821

Kory Hamzeh <kory@avatar.com> wrote:

>
>Does anyone know what the insertion loss is everythime you add a PL-259
>connection on your coax?

As others have said, in RF design, it is common to assume a connector loss of 0.1 dB/connector. But, a properly installed PL-259/SO-239 connection at HF has a much lower loss. If you have 1KW of RF power and it goes through a device with 0.1 dB loss, the device dissipates 22.6 watts of heat. I have never seen a properly installed connector at HF show anywhere near this level of heat. (22.6 watts dissipated in a connector would quickly melt the center conductor insulation of the coax.) I believe that a more realistic loss is 0.01 dB (2.2 watts of heat loss) mostly due to ohmic loss in the mating surfaces. The impedance bump caused by a PL259 at 3.5 MHz isn't that big a factor. (Not true at VHF or UHF, of course.)

Jack Smith
jsmith @mnsinc.com

1082. <<New and FREE Classified Web page Now Open on the Web>>

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-2301961851040001@host12.cyberg8t.com>
Source record: 206822

The Raymond Sarrio Company's Ham Radio WWW site is proud to announce a FREE Ham Radio classified advertising page at http://www.csz.com/sarrio.html. This new classified page will allow Hams to find equipement with the help of a search engine--no need to scroll through 100's of listing before you find that special piece of gear. Plus, when you find the gear you'er interested in, you are also provided with easy point-and-click e-mail access, directly to the Ham that listed the item.

For those Hams with gear to sell, take note! there is NO charge to list your equipment within Ham Classifieds, and there will be no posting time delays. Your posting(s) will go on-line in our classified search engine immediately. All you need do is fill out a simple forms page, and upon its (point-and-click) submission your "For Sale" classified is immediately on-line.

```
I will be purging the classified listings initially, about once every
month, but that timeline will shorten as our classified numbers grow.
```

Give it a try, and let me know how you like it (we are still beta testing)
73's Ray
--
Brillar Enterprises http://win-win.com/brillar
Extensive Discount CD-Rom Catalog!

1083. Re: WTB: Tektronix 7L12 Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: landisj@nad.com
Message-ID: <1996Jan23.125949.436@nad.com>
Source record: 206823

In article <NEWTNews.8974.822324880.had@had>, had@halcyon.com writes:
>
> In article <3102635D.35A0@packet.net>, <mmaseda@packet.net> writes:
>> I'm looking for a manual for a Tektronix 7L12 spectrum analyzer plug-in.
>> Manuel WF1J
>
> Manuel,
> Call Dean Kidd at 503/6257363.
> He has manuals for most Tek gear. Very attractive prices.
> Hadley, N7REN

You might also try Tech Systems, Belmar, NJ. 908-280-0007.
Joe - AA3GN
--
Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
landisj@nad.com ..speaking only for myself, of course..

1084. Re: NiCd cells in Yaesu alkaline packs?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: jdonimi@nv2.uswnvg.com
Message-ID: <4e3l4e$kks@fred.uswnvg.com>
Source record: 206824

Jim Stubstad (stubstad@ix.netcom.com) wrote:
: I have been elmering a new ham with a brand new fancy HT. I told him
: to pick up a AA cell pack as a backup to the stock NiCd pack that came
: on his new HT, because could swap out cheap, readily available AA
: nicads which he already has a fast charger for, or use alkalines for
: longest life. This is what I do with my ancient IC-2 radio.

: When he got his FBA-14 pack, it had dire warnings about using
: rechargeable cells in it. I presume that this is just a liability
: thing relating to the well known meltdown property of shorted NiCd and
: other low internal resistance cells, and a way to sell more glued shut
<snip>
: springs melting through plastic). I'm just looking for an informed
: risk assessment, not advice.

: Jim

Jim,

I saw the same warning and ignored it since I carry my spare battery in a plastic bag which prevents accidental shorting. There is little danger of shorting while it is attached to the radio.

My radio is an FT-530. That model will not charge an alkaline pack through the radio because the radio power connection to the battery has 3 pins - the middle one is for charging and the alkaline pack doesn't have a middle pin. To allow charging the alkaline pack with nicads in it, I soldered a small diode from center pin to the + pin inside the radio. Now my FT-530 charges my alkaline pack.

Another shortcoming of the Yaesu alkaline pack is the "splice" between the two case halves is not beefy enough. My pack experiences a 1/2 Volt or more drop when I transmit. The drop is less if I bend the metal contact to exert more pressure when mated. Trouble is, this extra tension doesn't last. I don't have a good solution for this yet. If you do, please post it.

1085. HF+2M Duplexer Available?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: mbrinkho@falcon.inetnebr.com
Message-ID: <4e3gcd$9hv@duck.inetnebr.com>
Source record: 206825

I'd like to feed both my 10M and 2M antennas with one feedline.

Is there a duplexer on the market that will split HF/2M between 2 rigs?

Thanks.

--
Matt C. Brinkhoff, KB0RXC
mbrinkho@inetnebr.com
Lincoln, Nebraska [EN10]

1086. Kenwood YK-88xx vs YK-88xx-1 filters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: dgf@netcom.com
Message-ID: <dgfDLnIn4.403@netcom.com>
Source record: 206826

Is the only difference between the above filters the mounting, being either just solder pins on the filter itself or inclusion on a small PC board with a pair of connectors? If this is the case, would I be able to get a YK88SN-1 and convert it to a YK88SN by unsoldering the filter from the PC board?

73 Dave WB0GAZ dgf@netcom.com

1087. Mirage BD-35 dual band amp??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: Ken Harrison <ken@cs.sonoma.edu>
Message-ID: <Pine.SUN.3.90.960123203933.8901A-100000@zippy.sonoma.edu>
Source record: 206827

Anyone have any experience with the Mirage BD-35 dual band amp yet?
Does it perform as claimed?

Ken

Ken Harrison --- ken@cs.sonoma.edu --- Amateur Radio: N6MHG
~~~~~~
~~~~~~

1088. "Fleaspeak" (understanding flea market speech)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: James Garland <garland@ohstpy.mps.ohio-state.edu>
Message-ID: <4e3mb5$fa6@pacific.mps.ohio-state.edu>
Source record: 206828

The boatanchors email exchange has been discussing flea market language, and how to interpret it. I thought the discussion might be worthy of a larger audience, and encourage you to join in with your own observations. Here are my own examples of "fleaspeak:"

"I don't know if it works." (Translation: it doesn't work, probably never has.)

"It might need a bit of tweaking." (Translation: Marconi himself couldn't fix it, much less align it.)

"It was used in government service." (Translation: after the govt. technician tried to solder the loose connections with an acetylene torch, it was stored outdoors on a wooden pallet during hurricane season.)

"The dial drive may need lubricating." (Translation: the gears are stripped and all the setscrews are hopelessly frozen.)

"I plugged it in to check that it lights up." (Translation: the light came from the two foot high flames.)

"It doesn't chirp." (Translation: it doesn't chirp because it doesn't transmit.)

"The audio sounds great." (Translation: the 60Hz buzz is faithfully reproduced.)

"I'm selling it because I have two of them." (Translation: I'm getting rid of my parts radio.)

"You won't find one at a better price." (Translation: "Better," in this case, meaning from the point of view of the seller.)

"There are a couple of other people interested in it." (Translation: someone sat on it to tie his shoelaces while walking past the table.)

"This has become a collector's item." (Translation: the manufacturer went belly up six months ago and won't honor the warranty.)

Respectfully submitted,

Jim W8ZR (a sadder but wiser flea-market afficionado)

1089. Re: Yeasu Handheld Programming Software

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4e375u$s9g@news.ccit.arizona.edu>
Source record: 206829

bil@eden.com writes:
>Anyone tried the DOS program to set up the Yeasu HTs memory? It's a
>breath of fresh air, after trying to set one up from the keypad. $40.
>

I'd heard of a Windows version and complained to the company just
how useless this was for me. They replied that a DOS version might
come out. Is there now a DOS version out there?

Better yet, has anyone figured out the the communications protocol
and hardware interfacing for do-it-yer-self folks? If I had that
info, I'd write my own and build my own?!

Chris, N7RME

1090. Re: IC-706 Service Manuals are HERE!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <DLM3q7.D7t@iglou.com>
Source record: 206830

Yes. Using a bug in the qsk mode makes it sound like a sick chicken. The best I can do is run it with a .1 sec delay. This makes it sound fairly good but still a bit choppy. Increasing the weight on the bug helps. I tend to agree, it's probably the slow relay. Seems funny such a highly intregated rig would rely on an old fashion relay for keying. I am cw only here. Does anyone want to buy a new/used 706?

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

1091. Need help with Vibroplex Brass Racer

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: ham@w3eax.umd.edu
Message-ID: <4e2qag$9t6@cville-srv.wam.umd.edu>
Source record: 206831

WA4OSR, are you around?

I have a Brass Racer and the brass seems to be clear-coated in
many areas. The clear coat/whatever seems tarnished and I could
polish it up if I could get through the coating. I suppose I could
just use a paint remover or scrape it clean, and the re-shine and
re-urethane/clear coat the unit's parts, but I wonder what others
have done BEFORE I rip into it...
--
Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 40-10/6/2/440
** Yes, you CAN do VHF contests with 25W and omni antennas **
Still stuck at 138 countries confirmed on HF w/dipoles...
72 & 73 from suburban DC 301-549-1022 (h) 301-982-1015 (w)

1092. Re: Connector Insertion Loss

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: Ray Wilson <n3rkh@voicenet.com>
Message-ID: <4e3mi4$a0m@news.voicenet.com>
Source record: 206832

Kory Hamzeh <kory@avatar.com> wrote:
>
>
> Does anyone know what the insertion loss is everythime you add a PL-259
> connection on your coax? I'm interested in the HF band losses. I have two
> connections between the rig and the amp, two between the amp and the
> tuner, and will have two more between the tuner and the tuner-tuner, and
> two between the tuner-tuner and the antenna.
>
> I'm wondering how much extra loss is all these PL-259 & SO-239 connection
> is causing (not including the loss that each equipment introduces)!
>
> Thanks,
> Kory
> AC6RN
>

I've always wondered what the loss is also. I work with fiber optics
and our link budgets allow two tenths of a dB loss per connection. I
hope they are not really that bad!

Ray, N3RKH

1093. Can my YAESU FT-840 be computer controlled?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: sco@mindspring.com
Message-ID: <sco.552.000F78D2@mindspring.com>
Source record: 206833

I have a YAESU FT-840 and want to know if it can be computer controlled?
I can't locate the manual and neither the HRO catalog nor the YAESU WEB Page
is any help. Does anyone know what the email address is for YAESU ? It is not
listed on their homepage.

1094. Re: HF Rig Selection for NEW ham IC-706,TS-50....?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan23.184853.27572@ke4zv.atl.ga.us>
Source record: 206834

In article <Pine.SOL.3.91.960122113123.9087A-100000@steele> Bradford Ashley
<ashleyb@ohsu.edu> writes:
>Thanks alot for the reply. I see your point exactly it's all relative.
>What I really want is to get my foot in the door so to speak. The IC-706
>seems to give me a basic HF rig to experiment with 6m and 2m. My
>antenna situation is very poor at this point due to my living in an
>apartment. For aprox $1200 this might be the ticket. Yes I would love to
>get a IC-775 or IC-781 but on my budget it is not an option. Thanks again
>for the info.

HF mobile is very often the only viable solution for apartment dwellers.
The IC-706 is a good mobile rig.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1095. Re: IC-706 Service Manuals are HERE!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <4e1ot7$q2b@news.halcyon.com>
Source record: 206835

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>In article n4lq@iglou.com (Steve Ellington) writes:
>>While you're at it. See if you can devise a way to improve qsk. Or at
>>least speed up the response of the relay so it doesn't chop dits and or
>>make it quieter.
>
>The keying is totally electronic. Q48 drives a diode switch in the
>9 MHz IF to key the carrier on and off. The relay you hear clattering
>is RL1 in the filter unit. It's the TR relay. The only delay it has
>is a 0.0047uf bypass cap across the coil. I don't think that's slowing
>it enough to matter. VR109 is the CW waveform adjust. In conjunction
>with C177 and C178, it sets the keying pulse rise and fall times.
>Twiddling with it may improve keying. Otherwise, the problem is a
>timing problem in the firmware between the time T8 is asserted and
>the time keying starts (ICW asserted by IC10 pin 16). Since IC25
>is both the keyer and the control uP, it's possible some timing
>loop is nested incorrectly causing ICW to be asserted before T8
>on initial dits.
>
>I'm not a Morse operator, so I'll ask you to try this test. Set
>the radio for manual keying and tell me if it chops dits when
>the internal keyer is not used. If it does, then RL1 may be
>mechanically too slow, and the source of the problem. If it
>QSKs properly with a straight key, then the problem is most
>likely in the firmware of the uP.
>
>Gary
>--
>Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
>Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
>534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
>Lawrenceville, GA 30244 | |

1096. Re: New JRC XCEVER

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: stan@mutadv.com
Message-ID: <4e2vdu$ivm@news-2.csn.net>
Source record: 206836

In article <4e0u0b$1rm2@hearst.cac.psu.edu>, RLS@psu.edu says...
>
>In <4e08c6$iqr@news-2.csn.net>, stan@mutadv.com (Stan Huntting) writes:
>>In article <31023C1B.4AC9@i-2000.com>, ru@i-2000.com says...
>>
>>>anyone have or used one of the new jrc 245 xcevers?
>>
>>I've been using mine for about three months and am very pleased.
>
>Would you be willing to post a review of the transceiver? I would be very
>interested in knowing more about it from the point of view of someone who
>has used it on the air. QST ran a review of it several months ago, and it
looks
>good, but they didn't say anything about how loud the keying was when
>operating full break in, etc.

Hmmm, I'm not certain that I understand your question. The JST245 supports the usual alternatives of Fast-QSK and Semi-QSK. The CW sidetone pitch and loudness are both front panel adjustable. It's very easy to adjust the loudness to match band condx. The pitch also varies the offset of the "BFO", so that when you match your sidetone to the received signal, you are "zero-beat" on the same frequency. Other keying noises from inside the box are very quiet - unless you have the amplifier keying circuit enabled. The built in keyer is very nice.

I'd like to post a full review, but I'm not sure when I'll find the time. The QST review was pretty complete. Their test rig was equipped with all the filters, and they really do make a difference on CW and the digital modes. With the 500 Hz filter I am generally unaware of neighboring QSOs when operating in the 20m digital sub-band. It's a particularly good rig for these modes.

QST always avoids really useful comparisons between rigs, but I will say that I've never used a rig that "hears" as well as this one - and that includes the FT-KD that held a prominent position in my shack for a couple of years.

SSB transmitted audio quality brings consistent rave reviews and many comments that it is "completely free of identifiable artifacts". Nobody says it sounds like "Kenwood" audio, or that it has that "Icom punch", etc. - just "great audio quality". I use a Heil boomset, but NOT the DX cartridge.

It's not usually a priority for amateurs, but I listen to BBC much of the day while working. The audio quality when monitoring SWBC in SSB mode is marvelous - more like loacl WBFM than anything that you've ever heard on the SWBC bands before.

If you have any specific questions I'd be happy to comment from my experience with the rig.

73 es gl. Stan ..
--
Stan Huntting, KF0IA
Postal Address: 4655 Pleasant Ridge Rd.,
Boulder, CO 80301-1731, USA
email: stan@mutadv.com
KaWin Home Page: http://www.mutadv.com/kawin/
KaWin FTP Site: ftp.csn.net in the directory /kawin

1097. Re: IC-706 Service Manuals are HERE!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan23.184312.27479@ke4zv.atl.ga.us>
Source record: 206837

In article n4lq@iglou.com (Steve Ellington) writes:
>Yes. Using a bug in the qsk mode makes it sound like a sick
>chicken. The best I can do is run it with a .1 sec delay. This makes it
>sound fairly good but still a bit choppy. Increasing the weight on the
>bug helps. I tend to agree, it's probably the slow relay. Seems funny
>such a highly intregated rig would rely on an old fashion relay for
>keying. I am cw only here. Does anyone want to buy a new/used 706?

The rig doesn't use relay keying. The relay is the TR relay. Switching
100 watts of RF is still easier with a relay than with diodes. Even
Ten-Tec still uses relay TR. If the relay is slow (I'll have to do some
testing), then we can probably come up with a faster relay that will fit
in the case. The one Ten-Tec uses will probably work.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1098. NEED HELP/INFO SPECTRONICS DISPLAY

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: donb29@tcd.net
Message-ID: <4e1hqb$di1@news.tcd.net>
Source record: 206838

A ham here in town has bought a used
spectronice digital display dd-1
he did not get any manual or paper work.
can you help him out with info about this unit????
thanks and 73 Don

1099. Re: Yaesu FT-10 & FT-40

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: "Stephen E. Marshall" <smarsh@tiac.net>
Message-ID: <4e3ei3$5iu@sundog.tiac.net>
Source record: 206839

David...I have an FT10R and find it just superb. I have owned 20 or so HT's in my time and this one exceeds FT530 (next best) in audio volume/quality, intermod rejection, ruggedness, portability. Chunky shape, strong SMA antenna connector, good battery design, 5watts out with 9.6volt pack, amazing sound quality. This is amateur version of a military tactical field radio as you may know. I like the FT10 enuf to get the FT40, can interchange battery packs. Programming is standard Yaesu. Manual is excellent as are all the Yaesu current manuals. Get the rubber "case" for the rig for additional ruggedness. Get the rapid charger insert also. Superb radio for $ 289. I used it at -10F on hike around Mt.Washington, worked fine,other radios were useless. MilSpec means something! HI! 73 N1FSK

1100. FT-51R feedback/opinions/etc ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: assst5+@pitt.edu
Message-ID: <4e3gmk$fho@usenet.srv.cis.pitt.edu>
Source record: 206840

I've been reading this group for about a week, and haven't seen much said about the new Yaesu FT-51R ...

Does anyone have any comments they can make regarding this radio?

Thanks!

73,

1101. Re: IC-706 Service Manuals are HERE!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan23.185258.27651@ke4zv.atl.ga.us>
Source record: 206841

In article <4e3155$i8p@newsbf02.news.aol.com> w8jitom@aol.com (W8JI Tom) writes:
>In article n4lq@iglou.com (Steve Ellington) writes:
>>While you're at it. See if you can devise a way to improve qsk. Or at
>>least speed up the response of the relay so it doesn't chop dits and or
>>make it quieter.
>
>Hi All,
>
>I just measured the keying charateristics of my 706.
>
>No leading edge chop on CW in QSK or conventional VOX CW operation. None
>at all!!!!! The amplifier relay line pulls low 15 mS before RF appears in
>the QSK mode. That should be enough time for a typical HF amp relay to
>close, most require between 10 and 12 mS.
>
>It looks like ICOM did it's homework much better than the big "K" ever
>did!

Hmmm. Lots of people have complained about the rig's QSK feature, so this is an especially interesting report. I wonder, RV109 adjusts the keying characteristic. Since you're set up to measure this, Tom, how about diddling the pot and tell us what happens? It could be that many of the rigs are coming from the factory with this setting misadjusted.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1102. Re: Icom IC706 Extended Rx/Tx Mods Anyone?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <4e1ope$q22@news.halcyon.com>
Source record: 206842

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>In article <4dub0i$12t@florence.scotnet.co.uk> GW0ACH@lordjohn.celtic.co.uk (Lord John)
writes:
>>Does anyone know if there are any mods for the IC706 especially one
>>for extended receive transmit. I would particularly like to be able to
>>use the rig on 70MHz and 27MHz
>
>Removing D59 and resetting the processor will open up transmit for
>HF through 60 MHz. I don't know the regulations in your lordship's
>country, but here in the States use of this radio over the air on
>27 MHz would be forbidden since the radio is not type accepted for
>that service. (Driving a transverter with it would be fine however.)
>
>There is no known mod to allow transmit on 70 MHz as yet. There are a
>number of people trying to get expanded VHF transmit coverage from the
>unit, but no one seems to have found the right combination to make that
>happen, and it looks like that if anyone does it will only open it up
>for 118 MHz to 172 MHz, and not the 70 MHz band. That's because T8 is
>only asserted in the 118-172 area of VHF, T8 controls the TR relay.
>(Note, most uses, aside from MARS/CAP, of the unit over that range
>would also be forbidden under US rules, yours may be different.)
>
>The radio is an interesting puzzle, but I don't intend to leave any
>out of amateur band transmit mods in mine after I finish exploring
>the puzzle. I don't want the possibility of accidentally transmitting
>out of band to exist in the radio, and I certainly wouldn't condone
>deliberate transmission out of band.
>
>I am concerned about better out of band reception, however. There
>is the so called yellow wire mod which improves VHF reception
>somewhat outside the 2 meter amateur band, but that mod doesn't
>give the full coverage the radio is capable of supplying. I've
>discovered a change to the 60-200 MHz bandpass filter that
>offers a marked improvement in sensitivity across that range, but
>I've been cautioned that it may make the radio very susceptable
>to intermod when used on 2 meters. So far I haven't experienced
>this (I'm in a suburban area not overly plagued with strong
>pager transmitters), but a bit of caution is advised until this
>is researched more carefully.
>
>It appears that any problem of this nature would be the result of
>excessive leakage signals around D6 and D7, the bandpass filter
>switching diodes. It should be possible to solve that, perhaps by
>driving the switches harder via a resistor change, or by using

>diodes with better isolation characteristics. I'm refurbishing
>an old General Radio unit oscillator to serve as a pager simulator
>to test this theory.
>
>Gary
>--
>Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
>Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
>534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
>Lawrenceville, GA 30244 | |

1103. Re: A.C.C.,Inc. Where are they?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: wd6dih@ix.netcom.com
Message-ID: <4e201o$pto@ixnews8.ix.netcom.com>
Source record: 206843

In <4e1mhe$663@ns2.ptd.net> kd3rn@postoffice.ptd.net (Ray A. Krohn) writes:
>
>Does anyone out there know the phone numbers for Advanced Computer
>Controls, Inc. I think I read they were bought up by another company.
>The phone numbers I have are now disconnected and we need some help
>with our RC85 controller.
> Please reply to kd3rn@postoffice.ptd.net
> TNX
>

ACC is out of business.

The company that now owns the rights to ACC in Link-Comm (406)482-7515. But they will not help you fix your RC-85. They have great repeater Controllers for $450-$1000 and they even include the same ACC Romeo & Juliet voices.

Our group is changing out the older RC-85's since many parts are no longer available. The new Link Comm controllers have a lot of features for a low price.

Good Luck !

Kevin, WD6DIH

1104. Grounding problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: sco@mindspring.com
Message-ID: <sco.554.0031A032@mindspring.com>
Source record: 206844

How can I ground the equipment in my radio room?
It is in an old house on the second floor but the plumbing is PVC.
There are windows and a straight drop to the ground.
I don't want to drill any holes in the house or the windows.

I am on 6m, 2m, 440m FM, SSB maybe CW in the future and maybe even ATV.
My antenna feedline is RG8X to a outdoor switch box.

1105. A.C.C.,Inc. Where are they?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: kd3rn@postoffice.ptd.net
Message-ID: <4e1mhe$663@ns2.ptd.net>
Source record: 206845

Does anyone out there know the phone numbers for Advanced Computer
Controls, Inc. I think I read they were bought up by another company.
The phone numbers I have are now disconnected and we need some help
with our RC85 controller.
Please reply to kd3rn@postoffice.ptd.net
TNX

1106. Re: A.C.C.,Inc. Where are they?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: "Thomas W. Castle" <afn17891@afn.org>
Message-ID: <Pine.A32.3.91.960123012533.54153C-100000@freenet2.freenet.ufl.edu>
Source record: 206846

On 23 Jan 1996, Ray A. Krohn wrote:
> Does anyone out there know the phone numbers for Advanced Computer
> Controls, Inc. I think I read they were bought up by another company.
> The phone numbers I have are now disconnected and we need some help
> with our RC85 controller.
> Please reply to kd3rn@postoffice.ptd.net

Sorry to say they went out of business... Gone period... There
was word that some info would be posted in public domain on the
net... Have'nt seen it yet...

De Tom

1107. AOR AR-8000

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: Kevin McGuirt <kmcguirt@mindspring.com>
Message-ID: <3105009A.295E@mindspring.com>
Source record: 206847

Does anyone know anything about the AOR AR-8000? Is this a decent quality receiver throughout its broad coverage range or is more than half of the range useless like on the ICOM R-1? Any replies would be appreciated.

Kevin McGuirt
KK4AG

1108. Radio Shack Skillman Keys

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: allenm@rain.com
Message-ID: <4e26d2$qts@news.rain.org>
Source record: 206848

Im wondering if anyone out there has any of these keys that
radio shack used to carry, or anything similar. Our off the
air code practice round table sessions could use 'em.
Im building the oscillators into soup cans with a speaker in
the end. E-mail me if anyone has anything
tnx 73 kb6pqg

1109. (none)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: bill.alexander@mhbbs.bit.COM
Message-ID: <9601230515092207@mhbbs.bit.com>
Source record: 206849

```
subscribe
```

1110. THIS ONE Radio Shack Skillman keys

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: allenm@rain.org
Message-ID: <4e284j$qts@news.rain.org>
Source record: 206850
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

OOps !! had my return pointer set goofy in the last one

Im wondering if anyone out there has any of these keys that
radio shack used to carry, or anything similar. Our off the
air code practice round table sessions could use 'em.
Im building the oscillators into soup cans with a speaker in
the end. E-mail me if anyone has anything
tnx 73 kb6pqg allenm@rain.org

1111. Re: DSP System - WHICH IS BEST ONE????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: n6cr@ix.netcom.com
Message-ID: <4e2iu2$8m@cloner3.netcom.com>
Source record: 206851

In <kbooher.50.00117096@imsweb.net> kbooher@imsweb.net (Ken Booher) writes:
>

> I am contemplating the purchase of an DSP Filter and would be interested
> in hearing of one who have them and the preference and recommendations
> as to which unit is the best...

Unfortunately, there is no 'best'. It depends a lot on what you want to use it for. I have used the NIR10 and the Timewave 599 side by side and can tell you my opinion. For data modes and CW, I think the 599 is better. For SSB, however, I think the JPS units is superior. For weak signal work, the peak feature, and at times the spectral subtraction NIR is beyond unbelievable. The difference between no QSO and armchair copy is not an overstatement.

The best advice is try them all before you buy...preferably on your own rig. Hope this helps.

GL/73 de Rick, N6CR in Atlanta

1112. Repeater equipment wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: mattstr@primenet.com
Message-ID: <4e444e$km9@nnrp1.news.primenet.com>
Source record: 206852

Hi...my name is Matt, KJ7DX. I am a 16 year old sophomore in high school
and I have been trying to put together a repeater system, in this
part of Arizona. I am very intrested in repeater operation and
the technology of repeaters. Repeater construction and equipment
has become my favorite aspect of amateur radio, and although i do not
have any money, I try to do what I can...If anyone has any equipment
such as old UHF GE MVP's, UHF Micors, or controllers, or duplexers,
or anything related to repeaters, and you don't want it anymore, i'd be
very glad to pay shipping costs for anything you might have. Thanks...Matt.

--
---
mattstr __ __ ____ ___ ___ ____
mattstr@primenet.com /__)/__) / / / / /_ /\ / /_ /
/ / \ / / / / /__ / \/ /___
/---

1113. Kenwood TS-670 for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: burch@netline.net
Message-ID: <4e3jqc$h6u@tesla.netline.net>
Source record: 206853

A friend of mine has a TS-670 for sale. It covers 40, 15, 10, and 6 meters with 10 watts output. I have seen the rig and it is in great shape. He is asking $400. He also has a 150w 6meter amp (10watts to drive 150w output) for $250. If interested, please leave me email and I will give the name and phone #.

Burch Akin (KE4ZQV)
burch@netline.net

1114. Re: IC-706 Service Manuals are HERE!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4e3155$i8p@newsbf02.news.aol.com>
Source record: 206854

In article n4lq@iglou.com (Steve Ellington) writes:
>While you're at it. See if you can devise a way to improve qsk. Or at
>least speed up the response of the relay so it doesn't chop dits and or
>make it quieter.

Hi All,

I just measured the keying charitеristics of my 706.

No leading edge chop on CW in QSK or conventional VOX CW operation. None at all!!!!! The amplifier relay line pulls low 15 mS before RF appears in the QSK mode. That should be enough time for a typical HF amp relay to close, most require between 10 and 12 mS.

It looks like ICOM did it's homework much better than the big "K" ever did!

I wonder what configuration you are using Steve? Do you have a power amp in line also?

The relay does click, and I'm sure a quieter relay is available. Part of the problem is the relay mounts directly on a PC board. There is no mechanical isolation. It doesn't bother me, but then I drive a diesel truck and listen to rock and roll.

Next I'll sweep the filters.

73 Tom

1115. Re: NCL 2000 Amplifier

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: Gary Davidson <reporter@sparc1.castles.com>
Message-ID: <4e1hhe$iu2@miwok.nbn.com>
Source record: 206855

Hey... I have a Dentron Clipperton L, for more info, you can call me too!

(or did you mean that you wanted to sell yours, or something?)
(I thought maybe you just wanted to TALK about it...)

1116. Need Battery for Alinco HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: dab2@Ra.MsState.Edu
Message-ID: <4e24ra$1qr@NNTP.MsState.Edu>
Source record: 206856

Hello all,

Could someone please point me to a source of a rechargeable battery pack
(new or used) for an Alinco DJ-120T. My search has so far been
fruitless, so any help at all would be greatly appreciated.

Thanks for your time and have a GREAT day!

73 de KC5AAW

David A. Boackle dab2@ra.MsState.edu Mississippi State University

1117. FS Digital Frequency Display

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: Kim Herron <kherron@voyager.net>
Message-ID: <4e3enl$fmi@vixc>
Source record: 206857

I have a Digital Frequency Display for Sale, made by Communications Concepts. Model TK1-W S/N 1210. It will work with Collins, Drake, Hammarlund, or most other older analog readout gear. This in Brand new never been used. I got it in Payment for work done on other gear. I have one and don't need this one. It has the warrantee card, and the user and installations manuals. They retail new for $179.00 and I'd like $120.00 shipped. E-amil me at my address or call me at 1-616-677-3706

Thanks

KIM

1118. Looking for Collins ....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: fledda@airmail.net
Message-ID: <4e3ajt$lb7@news-f.iadfw.net>
Source record: 206858

I am looking for the following Collins military radios:

GRR18

GRT17

C-8364/TSC

also

URR51G & URR51F (these are not Collins)

I 'll pay market value for such equipment.

If you have any other military radios (including avionics), please
respond to this ad giving P/Ns and value in $$.

Thanks

Francesco Ledda

1119. Re: New All Band Mobile Antenna for IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: Randall Rhea <randall@informix.com>
Message-ID: <31059D29.7D94@informix.com>
Source record: 206859

How long is this antenna? Where/how can I buy it?

Randall Rhea KG0HW
randall@informix.com

1120. Re: DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: Randall Rhea <randall@informix.com>
Message-ID: <31059E55.14DC@informix.com>
Source record: 206860

Walt H Reed wrote:
>
> Anyone out there that has a Radio Shack DSP that can give me any info on
> it. I am interested in purchasing a DSP and saw one at RS yesterday for a
> great price but don't know out effective it would be compared to the other
> higher priced ones. Would appreciate any feedback.

It works pretty well as a narrow CW filter and as an auto notch
for 40m SSB. Other than that, it does not do very much. Noise
reduction on the unit is designed for CB, not for hams. It will
not do anything about noise from automobile engines. I saw
one on sale for about $40 ... at that price, it works OK.

1121. Motorola Micor

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: boonek@proaxis.com
Message-ID: <4e1gko$qiq@news.proaxis.com>
Source record: 206861

Looking for anyone with info/parts for Motorola Micor radios. Please contact me by e-mail.

Thanks,
Kim, N0ZSF
boonek@proaxis.com

1122. Yaesu Ft 736 AM Mod?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: George Rybicki <seryb@lims01.lerc.nasa.gov>
Message-ID: <4e321e$hla@sulawesi.lerc.nasa.gov>
Source record: 206862

Anyone out there modified a FT736 for AM operation. In my area 6M, 2M and even 222 mhz AM are popular and I am missing out. Thanks in advance for your help or suggestions. 73 George

1123. Re: Yaesu FT-10 & FT-40

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: Bill Dorsey <dorsey>
Message-ID: <4e3qnq$6on@fido.asd.sgi.com>
Source record: 206863

"Stephen E. Marshall" <smarsh@tiac.net> wrote:
>David...I have an FT10R and find it just superb. I have owned
>20 or so HT's in my time and this one exceeds FT530 (next
>best) in audio volume/quality, intermod rejection, ruggedness,
>portability. Chunky shape, strong SMA antenna connector, good
>battery design, 5watts out with 9.6volt pack, amazing sound
>quality. This is amateur version of a military tactical field
>radio as you may know. I like the FT10 enuf to get the FT40,
>can interchange battery packs. Programming is standard Yaesu.
>Manual is excellent as are all the Yaesu current manuals. Get
>the rubber "case" for the rig for additional ruggedness. Get
>the rapid charger insert also. Superb radio for $ 289. I used
>it at -10F on hike around Mt.Washington, worked fine,other
>radios were useless. MilSpec means something! HI! 73 N1FSK
>
The FT10R _does not_ have an SMA antenna connector. Whatever type of
connector it uses is totally non-standard, and contains no provisions
for connecting ground. This makes the radio totally useless with any
kind of external antenna. If you can live with this limitation, it's
probably a fine radio. The FT-40 uses the same antenna connector as
the FT-10.

I have both a FT-11 and FT-41. I have had no problems with intermod
on the FT-11, but the same does not hold true for the FT-41, which is
fairly susceptible even with the factory antenna! If the FT-40 shares
receiver circuitry with the FT-41 (as I suspect), I'd be wary about
buying it if you live in a "tough" intermod area.

--
Bill Dorsey, N3LMF
dorsey@engr.sgi.com

1124. FS: Yaesu FT736R and other goodies

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: John Palmer <jpalmer@mn.state.net>
Message-ID: <4e3dok$4im@jenny.state.net>
Source record: 206864
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

GOOD GOODIES FOR SALE:

Yaesu FT-736R all mode with hand mic. Very nice condition. Includes manual, power cord etc. Works Great.

This is the radio of choice for satellite or weak signal VHF / UHF work.

Will sell for $1175.00 plus shipping.

****

SOLD Yaesu FT-767GX HF/VHF/UHF ***SOLD***

****

Yaesu SP-767 matching speaker for 736R or 767 with built in audio filters and A/B inputs. $75.00 plus shipping.

****

Yaesu G5400 B AZ-EL antenna rotor with AEA model ST-1 computerized rotor controller.

The ST-1 will run with Instant Trak as well as several other tracking programs and will also tune several radios such as the 736R.

Package includes two 75' runs of heavy duty 8 conductor rotor cable.

Will sell package for $675.00 plus shipping.

****

Daiwa NS-660PA SWR/Power meter. Cross needle, peak reading to 3 KW. $125.00 plus shipping.

****

Icom IC229H 2 meter mobile radio. 50 watts. Includes mobile bracket, DC power cord, manual, box, mic. $200.00 plus shipping.

****

RF Concepts 3-312 solid state 222Mhz amplifier. 120 watts out. $175.00 plus shipping.

****

Wavetek model 162 function generator good to 30 Mhz. Calibrated in 94. $200.00 plus shipping.

****

Shure M-267 line/mic mixer with rack mount. $200.00 plus shipping.

****

Please reply to jpalmer@mn.state.net or call me at my office during the day... 612-330-2646.

Thanks in advance...

John R. Palmer, WA0NTT
Forest Lake, Minnesota

1125. classic for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: mitchell@scoot.netis.com
Message-ID: <DLnrq5.F8@arrow.netis.com>
Source record: 206865

Remember the Courier Royale???

I have one here that is available to collectors.

I remember in its day it was one of the top rigs sold in S9 mag
up there with the Browning and Tram.

I picked one up the other day. It needs some work, probably tubes.
It did not come with a mike and perhaps that is why I do not hear
anything on the receiver. I have some mikes here That I will
include with the set.

I had an offer of $25 from several people before the hollidays.
One fellow wanted it and was sending a check, then changed his
mind. If any of the others that made an offer and I refused want
it now, mail back. First $25 or higest offer will get it.

Just say you want it and I will hold it for you, and send you my
address.

Write soon

1126. Re: ICOM 706 observations... comments?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <4e1p6o$q2b@news.halcyon.com>
Source record: 206866

I beleive the band beeps are the point where the analog band switching voltage actually switches. The would be the voltage that is output from the radio to control devices like the 4 KL and EX-627 automatic antenna switch, also like you found where the radio does not Transmit anymore. I do not think the factory was trying to make this the actual U.S. amateur band edge, most likely a poor name for an occurance. May be they should have called is band switch point beep.

Gary

1127. How to expand the TX range of the Icom IC-T22

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-23 00:00:00 UTC
From: s3_0114@EFP.Poznan.PL
Message-ID: <Pine.A32.3.91.960123171040.27009B-100000@ITD2Lab.EFP.Poznan.PL>
Source record: 206867

I need my IC-T22 to transmit on 160MHz where paraglider pilots used to chat.
If you know how to make my Icom do it, please, write to me.
Maybe you know somebody who knows? You could make me happy giving me his address.

Thank you in advance,

Tomek

1128. Re: IC-706 Service Manuals are HERE!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <DLnsq7.7E7@iglou.com>
Source record: 206755

No amp. here. Just key your 706 while listening in another receiver. Try it first in qsk mode then switch to semi bk in. There is a tremendous difference. Maybe the tail is being chopped off instead of the head. Even the causal listner can spot this on the air. Using a straight key at 10wpm won't prove anything either. Set you're keyer on at least 25 wpm, hold down the dot lever and listen. My Kenwood TS940 has no effect on character length no matter what the speed. I've been told that it has no relay bounce up to 140 wpm! No, I don't go quite that QRQ.

Now don't get me wrong. This is a fantastic rig and using semi bk in at .1 sec delay is not a huge handicap but cw ops are a bit picky when it comes to qsk!

: No leading edge chop on CW in QSK or conventional VOX CW operation. None
: at all!!!!! The amplifier relay line pulls low 15 mS before RF appears in
: the QSK mode. That should be enough time for a typical HF amp relay to
: close, most require between 10 and 12 mS.

: It looks like ICOM did it's homework much better than the big "K" ever
: did!

: I wonder what configuration you are using Steve? Do you have a power amp
: in line also?

: The relay does click, and I'm sure a quieter relay is available. Part of
: the problem is the relay mounts directly on a PC board. There is no
: mechanical isolation. It doesn't bother me, but then I drive a diesel
: truck and listen to rock and roll.

: Next I'll sweep the filters.

: 73 Tom

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

1129. Re: DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: wdr@world.std.com
Message-ID: <DLpL86.J4o@world.std.com>
Source record: 206756

In article <614.6593T87T518@moor.slip.uky.edu>,
Walter R Francis <Wally@POP.UKY.EDU> wrote:
> >Anyone out there that has a Radio Shack DSP that can give me any info on

> The Rat Shack DSP is great on CW, worthless for anything else..

Not true. It's also good for broadcast shortwave . I've found it helpful
when tuning BC SSB SW, eg Radio Havana or RFPI with a Sony 7600G,
and trying to get SW AM BC services not aimed at the U.S. with big ERP.

At $49 clearance price, its worth it if you're wanting to try DSP.
I'm happy with it, but it tells me exactly why better DSP units are $300 and
up, too: this is better than nothing, but doesn't do everything I want.

> No noise
> reduction with SSB or anything else...

That may depend upon your receiver. The SSB in my Sony is barely adequate,
and this unit helps. I dare say if I hung it of the Hallicrafters with the
manual notch filter, I wouldn't notice much improvement.

> But the narrow CW filter works really
> well. If CW is your big mode, it is worth $50 on their sale.

I ought to start listening to CW, and it was worth $50 on sale without it.

It IS probably more of a CB / Scanner / WorldBand kind of accessory than a
Ham item.

--
Bill Ricker N1VUX wdr@world.std.com "The freedom of the press belongs
http://world.std.com/~wdr to those who own one."--A.J.Liebling

1130. Re: FT-51R feedback/opinions/etc ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: sparkfel@primenet.com
Message-ID: <4e5mmi$4o1@nnrp1.news.primenet.com>
Source record: 206757

assst5+@pitt.edu (Amy S Snyder) wrote:

>I've been reading this group for about a week, and haven't seen much
>said about the new Yaesu FT-51R ...

>Does anyone have any comments they can make regarding this radio?

Sure, I can.

The FT-51 is far and away the best dual-band HT on the market currently, although Yaesu is rumored to have its successor, a dual band version of the FT-10/FT-40, ready for market in the next 18 months or so. But I expect it will be out before the end of the year.

Anyway, no other dual-band radio touches it in features or ease of use, especially with the ADMS computer interface for programming the unit. Sensitivity and signal rejection, for a broad-band receiver, are quite good.

I highly recommend this rig. I purchased mine with the high-power option and paid less than 500 dollars (US), including tax, for it at HRO in Phoenix, AZ. HRO (despite their detractors) had the LOWEST price in the country (even with sales tax) that I could find. And I called about 12 mail-order houses around the U.S.

As long as Yaesu keeps making radios like this, they have a customer for life. I'm patiently waiting for them to make this dual-bander obsolete so I can buy the latest and greatest. If they do come out with a dual-band version of the FT-10, I'll be selling the FT-51, maybe.

I recently saw a demo of the FT-40 and was blown away, DCS, voice mailbox, milspec, etc... I just wish it had a lighted keypad.

73,

Mark Fellhauer
KC7BXS

1131. Opinions wanted on Ramsey SX-20

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: kb7et@usa.pipeline.com
Message-ID: <4e5ukq$bet@news1.usa.pipeline.com>
Source record: 206758

Anyone built and/or operated the new Ramsey SX-20 20M SSB/CW transceiver? I'm especially interested in the CW performance. Please post or e-mail opinions. Thanks and 73,

Jim, KB7ET
kb7et@usa.pipeline.com

1132. Need specs: Thompson C4N2AB

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: jayk@fc.hp.com
Message-ID: <4e5r1c$l1a@fcnews.fc.hp.com>
Source record: 206759

Looking for the specs on a Thompson C4N2AB coax switch. Especially
frequency/power rating and loss figures.

Thanks,
Jay K0GU jayk@fc.hp.com

1133. Alinco DX-70 - some more mod ideas...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: Joseph Fitter BV/N0IAT <joentam@transend.com.tw>
Message-ID: <4e50un$7n3@tilde.csc.ti.com>
Source record: 206760

Hi All,

Been happily using the Alinco DX-70 HF + 6 rig for about 6 months now. Having even run it in a major contest as a spotting rig, I can safely say that it is holding it's own (with 6 months of guarantee remaining).

I have made all the original wide-band mods, and have been satisfied with the expanded VHF-low band receive. Additionally, I am surprised at the sensitivity down in the "lowfer" end of the band. It does a nice job down there, though synthesizer noise is a bit higher than desired.

Here are some other "mods" that I've done on my rig -- perhaps others out here in virtual radio world have similar or improved ideas on how to get the most out of these super little rigs.

1. I found an MFJ CW keyer, based on the infamous curtis 8044abm chip at a local ham shop. The keyer is designed to be internally mounted in one of the MFJ QRP rigs. As such, the board for the keyer is quite tiny. The keyer also seems to work fine on 13.8 VDC which is a natural match to any mobile power source.

I managed to replace the "speed" pot on the small keyer with a low profile screwdriver settable circuit board mountable pot. I also removed the molex power / key connector jack to save additional room. The resulting circuit board is now very thin and compact...enough so to mount directly inside the DX70 case. I ran the keyer wires out one of the heatsink holes, and used a small 3 conductor phono jack for "paddle input". The jack is connected to the rear heat sink via a small metal "L" bracket and tiny self-tapping sheet metal screw. I can access the "speed" control for the keyer thru the bottom side of the chassis near the ctcss switch bank. I use a "diddle stick" to adjust speed if needed.

While not totally convenient to adjust speed, I ususally leave it at about 25 WPM and all is fine.

Power is tapped from the "atu" tuner molex plug, from the inside of the radio to the keyer. I measure about 40 milliamps at 13.8 VDC, so very little current is required and full funcitonality of the ATU mechanism should be possible.

2. QSK improvements. Like the IC-706, something HAD to be done to improve the QSK performance. The relay inside was far too loud.

I have experimented with a reed relay (quiet, high speed) but could not find one that handles the current. So far anyway, but I have ordered some higher current reed relays and hope this fixes the QSK.

The relays used only lasted about 3 days each...but did improve QSK performance up to 45 WPM with great results. The switching circuitry can handle the speed...just not the TR relay!

3. Filter improvement. I notice the narrow filters are Murata filters. I have ordered some replacement filters with deeper skirts from Murata and plan to install them once they arrive. This is some tricky soldering for a layman like me -- but it's worth a try. The stock filters are really quite good (for being free and included). I was insterested in getting 250 Hz CW selectivity. If I cant find the right filter combination, I suppose DSP is another option.

4. Speaker / Headphones audio. Thanks to a tip from Scott NF3I, I have found a 1K resistor across the 'phones jack improves the audio of my "el cheapo" stereo walkman headphones. This eliminates the annoying low-level audio hiss that is present at very low volume levels.

5. Cooling: A small low-profile 13.8vdc muffin fan mounted atop the chassis just above the heatsink "holes" keeps things very cool. In fact, the fan seldom runs in high speed now since the external fan is forcing plenty of air onto the heatsink. This was not necessary, but nice insurance at any rate. Power for the fan is tapped via the 4 pin ATU molex connector (from the outside) since I dont have an auto tuner for this rig.

If anyone has figured out how to unlock the receive any further I would be interested in hearing more. Someone said VHF hi band could be unlocked too....have not confirmed this or hear any more on the subject.

Thats all for now. Anyone have other ideas? I'd be interested to know them !
73

Joe

BV/N0IAT Taipei TAIWAN R.O.C.

1134. Re: HTX-212 - Not Bad!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: rs@ham.island.net
Message-ID: <012496214304Rnf0.79b6@ham.island.net>
Source record: 206761

ae758@ccn.cs.dal.ca (Jay Joseph Doucet) writes:

>1. Non-ham freqs cannot be stored in memory. This is a real drag if you
>want to keep track of your local emergency services, despite the radio
>being able to tune 136-173 mHz. This may have been deliberate on RS part,
>avoiding problems with "mobile use of scanner" laws in many US
>jurisdictions, but I'd like to have the option. A quick look at the
>schematic reveals no suspicious diodes lurking around the logic chips, so
>this won't be easily modified without a new EEPROM (unless someone knows
>a magic key hold-down combination during power up.

Yes, this is true, but you can store non-amateur frequencies outside
143-149 in both the VFO memories. I put the local Mounties in one and the
logging truck channel in the other when I want to monitor something
besides ham chit chat.

--
rs@ham.island.net (Robert Smits, VE7HS)

His mind was like a soup dish, wide and shallow; it could hold a small
amount of nearly anything, but the slightest jarring spilled the soup
into somebody's lap. Irving Stone

1135. FS: Kenwood TM701A Dual Bander

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: don.detroye@mei.com
Message-ID: <don.detroye-2401961232160001@dondiisi.diageng.mei.com>
Source record: 206762

I have a Kenwood TM701A 144/440 Mhz Dual Band Radio for sale. It has been used for about 1 year and the rest of the time it was in the box. I am asking $330 for the radio. If interested email me at:

don.detroye@mei.com

1136. Kenwood MC-60 Mic & RF

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: Feroz Ghouse <Ghouse_F@mail.uwlax.edu>
Message-ID: <4e42dr$257@alfred.acs.uwlax.edu>
Source record: 206763

I have a Kenwood MC-60 mic. Yes this has a pre-amp I can switch on and off. I find that when I run my linear, RF gets into the audio. My signal is clean whan I use the Kenwood supplied hand mic. BTW the radio is a TS-870S.

Has anybody experienced a similar problem with the MC-60. If so I would appreciate all the help I can get to eliminate the RF. I'd like to think I'm grounded reasonably well.

Help will be appreciated
73,

Feroz, 4S7FG/WU9N

1137. Re: IC 820H extnd rcv. MOD ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: william@cortex
Message-ID: <4e48ek$2bb@medulla.ama.ttuhsc.edu>
Source record: 206764

Carl H Nord (cnord@mail.snet.net) wrote:
: Anybody have the mod to extend the rcv for this great radio ?

I don't have it handy, but if you call ICOM they will mail you the sheet.
It involves removing a diode from a board and would be next to
impossible to describe without seeing the diagram.

Also, they have a mod for cross band repeat.

-- William C. Biggs ,
KC5JIF Howdy from the High Plains of Texas
1900 South Coulter Drive
Amarillo, TX 79106

1138. Re: IC-706 Service Manuals are HERE!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <DLpLLu.IFJ@iglou.com>
Source record: 206765

Tom ...THis is Steve N4LQ@iglou.com ...I'm the one complaining about the qsk. Not Gary. It can be easily heard on another receiver. I don't know what a 14 ms delay sounds like but it must be pretty choppy. No I don't use an amplifier here. Yes, I agree, they weight control is misrepresented . If it had one, I would crank it way up!

W8JI Tom (w8jitom@aol.com) wrote:
: In article <1996Jan23.185258.27651@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us
: (Gary Coffman) writes:

: >Hmmm. Lots of people have complained about the rig's QSK feature, so
: >this is an especially interesting report. I wonder, RV109 adjusts the
: >keying characteristic. Since you're set up to measure this, Tom, how
: >about diddling the pot and tell us what happens? It could be that many
: >of the rigs are coming from the factory with this setting misadjusted.
: >
: >Gary

: Next time I open the case I will.

: This is the time sequence on mine Gary:

: 1.) I close the key.

: 2.) 1-2 mS later I get a low on the external relay line.

: 3.) 14 mS later RF appears.

: 4.) After a 1 mS rise time it is full output

: 5.) I release the key.

: 6.) After a 1 mS delay the waveform decays over ~1 mS to zero

: 7.) The external relay line releases at zero envelope.

: I was wondering if Gary F. is using an external PA? If he would tell me
: his setup I could duplicate it.

: The only flaw I notice in my 706 is the weight control is not a real
: weight control. I've been seeing more and more of that lately, even on
: keyers.

: The REAL weight is ever so slightly reduced on full QSK. The internal
: relay is plenty fast, and I can think of no way to use PIN diodes without
: adding a negative supply of 100 volts or more. If I wanted a quieter relay
: I could likely find one, but the noise doesn't really bother me.

: 73 Tom

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

1139. Motorola GP 300

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: robertso@csc.mc.edu
Message-ID: <4e6b4u$ic@csc.mc.edu>
Source record: 206766

I am looking at purchasing 14 GP 300's soon. If anyone has any strong opinions about them, please let me know.

Also, let me know if you know a good place to buy them from.

Thanks

--
Chad Robertson
Box 4862 e-mail: robertso@mc.edu
Mississippi College (601)925-3033
Clinton, MS 39058

1140. Motorola Traxar to 900 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: hduff@humnet.humberc.on.ca
Message-ID: <8225200191902@lss.humnet.humberc.on.ca>
Source record: 206767

```
Looking for conversion info to get a Motorola Traxar 800 MHz
trunking radio on the 902 MHz Ham band.
Any info appreciated.
Thanks..
Hugh VA3TO Toronto
```

 NFX v1.3 [000]

1141. Re: PLEASE HELP: Radio Design for Severely Handicapped

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: Bill Harwood <harwood@sirius.chinalake.navy.mil>
Message-ID: <DLnwCL.IBF@avalon.chinalake.navy.mil>
Source record: 206868
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.shortwave

Try a computer controllable HF rig with the appropriate windows based
control software. Use a breath control mouse substitute which is a more
or less off the shelf item.

Good Luck

```
\-----------------------------------------------------/
\ Bill Harwood U play it, I'll dance it /
\ AB6DY or /
\ I'll play it, U dance it /
\-------------------------------------------/
```

1142. Marine Deep Cycle battery charging

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: turner@safety.ICS.UCI.EDU
Message-ID: <22489.822447967@safety.ics.uci.edu>
Source record: 206869

Anyone know about keeping a deep cycle battery floating
or otherwise maintaining the charge? I just bought a
115 amp-hour battery to run my station in case the
"big one" hits, or we otherwise lose AC lines. I would
like pointers to literature, kits or products....if
anyone has suggestions.

Thanks.

Clark
WA3JPG

P.S. forgive me if this is a duplicate, something very strange
happened the last time I tried this :-)

1143. WTB: Icom AT 500 with cable

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: lmenzel@millcomm.com
Message-ID: <4e5pih$e6q@misery.millcomm.com>
Source record: 206870

On behalf of another ham, who is not on the net:

WTB Icom AT500 with cable. Mint condition only, but will pay top dollar
for right piece of gear.

please respond to my email address, or call me at (612) 835-3360 days
(Minneapolis).

Thank you in advance

Larry Menzel N0CIB
Minneapolis, MN

1144. WTB: Hammerlund HQ180

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: lmenzel@millcomm.com
Message-ID: <4e5pkt$e6q@misery.millcomm.com>
Source record: 206871

Anyone out there have one of these beauties in mint condition that they would be willing to part with? Please inform me as to particulars. Tnx

Larry Menzel N0CIB
lmenzel@millcomm.com (Minneapolis, MN)

1145. Re: Marine Deep Cycle battery charging

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: "Joe F. BV/N0IAT" <joentam@transend.com.tw>
Message-ID: <4e5foo$a9r@keelung.transend.com.tw>
Source record: 206872

Clark,

Please post any responses to the newsgroup. I too have contemplated having some deep cycle rv/marine batteries as backups, especially when I lived in Japan and had a big fear of earth quakes. Never did it 'cuz I didnt know the maintenance or safety concerns.

I did hear an interesting bit of info on those batteries---

Two ham pals down in DU3-land claim that a dead cells in the batteries can be restored by draining all the acid out, rinsing with plain tap water, then dumping in some good old Coca-Cola and let it sit 3 or 4 days. Then tip the battery back over, reflush with H2O, refill with HCL and presto...battery comes back to life. This is especially true, I'm told, when Salt Water makes its way into a battery cell...

This is what I heard at any rate, and from 2 very reputable hams no-less. Comments or confirmations????

73

Joe BV/N0IAT

1146. Vanity callsign database on web?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <4e6dk9$cvi@newsbf02.news.aol.com>
Source record: 206873

I seem to remember coming across a callsign database of callsigns that may be available once the vanity callsign program is begun, but I can't seem to locate it now.
Anyone know where it is? Thanks, Mike KS4DA

1147. Re: Opinions on the TenTec Scout?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: kjones@sun-link.com
Message-ID: <3105d6bb.52934465@news.netrax.net>
Source record: 206874

Just my two cents re the Ten-Tec Scout opinion poll:

I find there is no relationship between engine speed and operating frequency. I wired directly to battery per auto manufacturer's brochure.

Bandwidth: I find that the receive passband width at full clockwise rotation of the control is similar to that of my club's TS-450 at 2.4kHz setting. When the TS-450 is as narrow as it can get, the Scout is as wide as it can be. Guess which set receives crowded-together signals on 75m better.

I wish it had a notch filter. Other than that, it's the best little radio I've found that I actually can operate mobile.

Some early sets (including mine) had a backlash problem with the tuning inductor but Ten-Tec replaced the module with no questions.

I like the set, and I like the company. Any manufacturer that says straight out that not only the warranty is not voided if you open the case, but they encourage it, is okay in my book. We Are Supposed to know what we're doing after all...

Cheers,

Ken Jones (kjones@sun-link.com) [Amateur Radio callsign KB3JA]
McLemore/Jones -- Hanover PA USA Tel/Fax +1-717-633-1939

1148. Re: IC-706 Service Manuals are HERE!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <822501241snz@microvst.demon.co.uk>
Source record: 206875

In article <4e5fko$sgj@newsbf02.news.aol.com> w8jitom@aol.com "W8JI Tom" writes:

> This is the time sequence on mine Gary:
>
> 1.) I close the key.
>
> 2.) 1-2 mS later I get a low on the external relay line.
>
> 3.) 14 mS later RF appears.
>
> 4.) After a 1 mS rise time it is full output
>
> 5.) I release the key.
>
> 6.) After a 1 mS delay the waveform decays over ~1 mS to zero
>
> 7.) The external relay line releases at zero envelope.

That adds up to 16ms to switch on. At 20 wpm a dot is only about 70mS
long, so this rise delay is over a fifth of a dot and not insignificant.
At 30 wpm the delay is about one third of a dot.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

1149. IC-706 MODS NEEDED

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: gregesp@aol.com
Message-ID: <4e685l$a70@newsbf02.news.aol.com>
Source record: 206876

Are there any mods for the IC-706??

Thanks in advance.
Greg N1JFE

1150. ft-470 UHF mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: wires@inforamp.net
Message-ID: <4e50fi$473@sam.inforamp.net>
Source record: 206877

Does anyone know of any mods to open the UHF receive bellow the 70 cm band?

73 de Chris

1151. Re: New JRC XCEVER

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: Johnny Donovan WABC-NY <ru@i-2000.com>
Message-ID: <3106DDFF.516A@i-2000.com>
Source record: 206878

>>>>I've never used a rig that "hears" as well as this one - and that includes theFT-KD that held a prominent position in my shack for a couple of years.<<<<

You are making me feel good about buying a 245. I should have it
in a few days. I had a jst 135 for some time and loved it ..till the QST
article trashing it <G> I was a little reluctant to jump into another JRS Xcever
but I do like to have an "unusual" rig and do a lot of SWLing.
the question I have for you is this. Believe it or not I still use the AM mode
from time to time with a Johnson KW and Ranger. How does the AM section sound with
the 245? does it use the 6k filter or can you use any filter in any mode?

..K2KOQ

1152. FT-530 Mod

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: frankb2686@aol.com
Message-ID: <4e4jt4$f7u@newsbf02.news.aol.com>
Source record: 206879

Does anyone know the mod for the FT-530 to open receive frequencies to 900 Mhz?
Frank WD6AGS. FrankB2686@AOL.COM

1153. Re: Ham-Equip Digest V96 #24

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4e5dqn$p3e@mksrv1.dseg.ti.com>
Source record: 206880

In article <199601211230.HAA17268@nic.iii.net>, jallen@vhfcom.COM says...
>
>One Ham's opinion - I won't buy any MFJ equipment due to their total
>lack of quality control in soldering (both automatic and hand) and
>assembly. See other postings on this group.
>
>73, John, K1FWF

I must agree on their poor QC and soldering. It's not limited
to just soldering, however. I have found that they forget to
tighten hardware, all too frequently. Nothing worse than
having a #6-32 hex nut jammed into the blades of a tuning cap
in a 3 KW transmatch! Talk about sparks flying!

I still buy MFJ equipment, because once you've looked it over
internally and done their QC for them (!) their stuff usually
performs well and lasts for years. It's just a pain in the
neck to have to worry about having something wrong with the
item right out of the box. -YMMV-

73 de KC5NG

PS: I've spoken to Martin F. Jue (owner and founder) at a
hamfest about this problem, and he acknowledged that a
problem exists, and that they are trying to get their
act together.

1154. kenwoodts700sp

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: n3itn@fast.net
Message-ID: <4e4l5p$qc@nn.fast.net>
Source record: 206881

can anyone help with locating a service manual for the kenwood ts700sp?
we need to set the bias to make a final replacement...
please e-mail me at n3itn@fast.net
thanks
tony

1155. Re: Grounding problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: stubstad@ix.netcom.com
Message-ID: <4e4qqq$t7u@cloner2.ix.netcom.com>
Source record: 206882

In <sco.554.0031A032@mindspring.com> sco@mindspring.com writes:
>
>How can I ground the equipment in my radio room?
>It is in an old house on the second floor but the plumbing is PVC.
>There are windows and a straight drop to the ground.
>I don't want to drill any holes in the house or the windows.
>
>I am on 6m, 2m, 440m FM, SSB maybe CW in the future and maybe even
ATV.
>My antenna feedline is RG8X to a outdoor switch box.

What is grounding objective, RF, AC mains/HV safety, lightening or all three at once?

For RF, you are too far from ground for a useful RF ground, and would have to resort to tricks like MFJ artificial ground to tune out ground reactance at each partular frequency. The product mentioned is for HF, and the concept is not practical for higher frequencies with as long a run as you have anyway as it would require too fine an adjustment. Unless you are matching into an end fed single wire antenna which I can't imagine you would be doing above 29 MHz, I don't think that you need an RF earth ground.

For AC mains/HV safety, the third wire ground if it exists, or a retrofit of a third wire ground at least to the spirit of the NEC will do the trick. All modern equipment that requires an AC ground will have a 3 wire cordset or plug. Don't tell the code inspector, but an amateur no holes retrofit could probably be as sordid as copper grounding foil shut through window with 12 AWG wire down side of house to standard hardware store gnd rod at gnd level. Consequences of code fudges your responsibility, not mine. Doubt that you have any HV in a modern VHF/UHF station unless you are running extremely high power.

Lightening is hopeless in a direct strike. If switch box is at ground level before point of entry to house (preferred), adding a ground rod there with an electronic arrester (gas discharge tube type) in the common coax line is probably most practical. Note that while coax gnd connected, this would act like the AC/HV gnd, but has the potentially dangerous property that while connecting/disconnecting ant to equipment, you probably insert your body into the gnd circuit each time if there isn't a separate protective ground path. If switch box is outside window at 2nd floor level, arrester ground could run straight down to ground between switch and point of entry, but not a great idea because of shunt path to gnd in house via coax shield. You'd want to pull coax line into house off of the arrester (hot and gnd) when not in

use to prevent chance of discharge following shunt indoor path to ground, and not operate at dangerous times. Arrester ground rods and circuits should be separate from third wire AC protective circuit to earth ground. Follow surge arrester manufacturer's instructions carefully, above advice is just my best guess.

Jim

1156. manual Kenwd TS-520

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: camper@mystique.win.net
Message-ID: <528@mystique.win.net>
Source record: 206883

I need to know for a friend needing manual for the Kenwood TS-520 KB2WK -
Camper@mystique.win.net---
* PowerAccess 1.08 #include <mandatory_cute_tagline>

1157. Re: Connector Insertion Loss

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: wally@moor.slip.uky.edu
Message-ID: <709.6596T1425T335@moor.slip.uky.edu>
Source record: 206884

At HF the worries of loss in the connectors are real at high power, but not so much at low power, however I am curious what losses are on VHF.

I am installing a roof-mount antenna, and I'm trying to decide if I want to go through a filter (for pagers), then a preamp, then to the radio, or if the loss would be enough to lose considerable power..

So how much is the loss on a PL-259 at 146MHz, and loss through a BNC if possible as well. Someone told me 1 dB for 259's and .2 for BNCs.. If it is 1dB of loss per 259 I'd be at a big loss going through two boxes each having 259's!

Appreciate it..

1158. WTB - KDK FM240 for parts & mic

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: jockellp@iglou.com
Message-ID: <4e5gb1$57i@ns.campus.mci.net>
Source record: 206885

I need a junk KDK model FM240. I got one from a friend (?) that
almost works (except for the parts that are burned up...).

Oh, by the way, the speaker mic is missing (yep, no speaker in the
radio itself; must be a reason).

Please email direct if you think the newsgroup may not be interested.

Many thanks for any help (or directing me where I can buy it),

73 - phil - N4GWV

1159. Re: AOR AR-8000

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: feustel@netcom.com
Message-ID: <feustelDLnsz9.8o4@netcom.com>
Source record: 206886

Larry Pardue (discus@caverns.com) wrote:
: In article <3105009A.295E@mindspring.com>, Kevin McGuirt
: <kmcguirt@mindspring.com> wrote:

: > Does anyone know anything about the AOR AR-8000? Is this a decent
: > quality receiver throughout its broad coverage range or is more than
: > half of the range useless like on the ICOM R-1? Any replies would be
: > appreciated.
: >
: > Kevin McGuirt
: > KK4AG

: It is vastly superior to the R-1 but still not a great receiver at HF.

: Larry (NU5M)

How much of an improvement does the -dx option make to its HF
performance?
--
feustel@netcom.com
Dave Feustel N9MYI For PGP Public Key, finger feustel@netcom.com
Fort Wayne, IN Or else access http://www.mixi.net/~feustel/
219-483-1857

1160. Re: Marine Deep Cycle battery charging

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <822497356snz@microvst.demon.co.uk>
Source record: 206887

In article <4e5foo$a9r@keelung.transend.com.tw>
joentam@transend.com.tw "Joe F. BV/N0IAT" writes:

> Two ham pals down in DU3-land claim that a dead cells in the
> batteries can be restored by draining all the acid out, rinsing
> with plain tap water, then dumping in some good old Coca-Cola
> and let it sit 3 or 4 days. Then tip the battery back over,
> reflush with H2O, refill with HCL and presto...battery comes back
> to life. This is especially true, I'm told, when Salt Water makes
> its way into a battery cell...

I would have thought that H2SO4 would have worked better than HCL. But
either way, it sounds like the waste of good Coke to me.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

1161. Re: Grounding problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: smason@agt.net
Message-ID: <31067820.10078668@news.agt.net>
Source record: 206888

On 24 Jan 1996 08:32:26 GMT, stubstad@ix.netcom.com(Jim Stubstad) wrote:

>
>For RF, you are too far from ground for a useful RF ground, and would
>have to resort to tricks like MFJ artificial

How far is too far for typical HF work? 1/4 wavelength?
I've seen this mentioned here a few times., but I've wondered what the max distance is. My options are, a wire through the floor to the basement to a water pipe. > 20 feet.
Or a wire out the window to a ground rod, around 8-10 feet.

Steve

1162. Wanted:Alinco DX70 Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: mreising@aol.com
Message-ID: <4e5at6$q6o@newsbf02.news.aol.com>
Source record: 206889

Does anyone out ther have a list of mods (MARS) etc for the Alinco DX70T HF rig? Thanks in advance.

1163. need schematic for HP 3310

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: cbuttsch@slonet.ORG
Message-ID: <Pine.OSF.3.91.960124154739.6348B-100000@biggulp.callamer.com>
Source record: 206890

It would be really appreicated to obtain a copy of the schematic for the
Hewlett Packard function generator HP3310. As I understand it, very few
of these were made (it looks that way as most of the components were
descret using few IC's). I am guessing that I can fix the unit with just
a schematic but whatever might be gotten would be appreciated!
Cliff Buttschardt W6HDO
Engineering Technology
Cuesta College
P.O. Box 8106
San Luis Obispo, Calif
93406

1164. 6m amplifiers and legalities

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: ham@w3eax.umd.edu
Message-ID: <4e5ch8$j5n@cville-srv.wam.umd.edu>
Source record: 206891

As I understand it, the problem with 6m amps is that external amplifiers for 6m must be type accepted and sold only upon proof of license if PROFIT is to be made. In other words, it sounds as if one can sell them at cost at will, but is not allowed to make a profit.

This process of getting type acceptance apparently costs roughly $3k, making a profit earned from sales of such an item risky at best, depending on your markup.

On another, parallel note:

I've ALSO heard that since the FCC really doesn't care about the combination of the amateur service and type-acceptance anymore, it is generally acceptable to sell such amps as the FCC has turned away from the issue.

So is Ten-Tec following the rules? Yes. You cannot sell 6m amps without going through the $3,000 type acceptance process. At $60 for the kit, they're probably making $10 profit (really - they say that they make very little on the 6m xverters, and as one who has built one for $95, I believe them).

So in order to make back the $3,000 expended, they'd have to sell 300 kits just to BREAK EVEN.

Taking the laws too seriously? When you're a large company that has existing gov't contracts for expensive HF receivers, I don't think so.

Any comments or corrections?
--
Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 40-10/6/2/440
** Yes, you CAN do VHF contests with 25W and omni antennas **
Still stuck at 138 countries confirmed on HF w/dipoles...
72 & 73 from suburban DC 301-549-1022 (h) 301-982-1015 (w)

1165. Re: Grounding problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: mreising@aol.com
Message-ID: <4e65em$8oq@newsbf02.news.aol.com>
Source record: 206892

Use of large (>1" wide) flat braid out the window to a ground rod may help in your situation. The braid will have less inductance.

1166. Re: IC-706 Service Manuals are HERE!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4e5fko$sgj@newsbf02.news.aol.com>
Source record: 206893

In article <1996Jan23.185258.27651@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>Hmmm. Lots of people have complained about the rig's QSK feature, so
>this is an especially interesting report. I wonder, RV109 adjusts the
>keying characteristic. Since you're set up to measure this, Tom, how
>about diddling the pot and tell us what happens? It could be that many
>of the rigs are coming from the factory with this setting misadjusted.
>
>Gary

Next time I open the case I will.

This is the time sequence on mine Gary:

1.) I close the key.

2.) 1-2 mS later I get a low on the external relay line.

3.) 14 mS later RF appears.

4.) After a 1 mS rise time it is full output

5.) I release the key.

6.) After a 1 mS delay the waveform decays over ~1 mS to zero

7.) The external relay line releases at zero envelope.

I was wondering if Gary F. is using an external PA? If he would tell me his setup I could duplicate it.

The only flaw I notice in my 706 is the weight control is not a real weight control. I've been seeing more and more of that lately, even on keyers.

The REAL weight is ever so slightly reduced on full QSK. The internal relay is plenty fast, and I can think of no way to use PIN diodes without adding a negative supply of 100 volts or more. If I wanted a quieter relay I could likely find one, but the noise doesn't really bother me.

73 Tom

1167. Re: What's a "Boatanchor"?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: griffithj@ricks.edu
Message-ID: <DLp9yv.KI5@ricks.edu>
Source record: 206894

>
>A boat anchor is a radio that doesn't work, burned up, non fixable,
>basket case, (dirty junk that weighs too much to take to the hamfest
>to sell for parts). Obviously your HW-101 works, and so does my HW-100,
>Heath DX-60, Drake 2NT (YES IT'S A REAL CW RIG!!,
>Don Payne WB5IQV/9
>Chief Engineer, WZPL-FM
>Indianapolis, IN USA

You are right, Don. I have given up keeping a ton of equipment around, but I have a Drake 2B I restored to its orginal beauty, and am even halling it to Texas for a month with me to operate QRP with a homebrew TX from the hotel room. It a better receiver than any QRP receiver around.

I want to get hold of a GSB100 for the Transmitter when I run across one for the other half of the nostalgic rig. Don't plan on owning any more over the water stuff. I can't fix those rigs, and will not pay what it cost to have one fixed. If I by anything elce it will be Ten-Tac.

1168. Re: Heathkit SB200 amplifier

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: tom.blackwell@ntpcug.org
Message-ID: <19960125.n314@ntpcug.org>
Source record: 206895

DO> >
DO> >Does anyone have any experience of the Heathkit SB200 linear amplifier?
DO> >I have just repaired one with a HV PSU fault, but am having difficulty
DO> >getting more than 200watts out of it on 28MHz. It will reach 650watts
DO> >out on 3.5MHz. Is this normal?

DO> John,
DO> You didn't say what you were driving it with, but if the tuned input
DO> circuit for 10m is mistuned or defective the input SWR could be
DO> causing your rig to reduce its output. You may not be getting enough
DO> drive to the amplifier. My SB200 (with 20 year old tubes) puts out a
DO> little over 500 watts on 10m.
DO> 73,
DO> Doug Hall, KF4KL

The reflected power between the exciter and the amp input should be
checked. The amp has tuning coils to arrange for minimum reflected
power back into the amp. Don't get killed drawing an arc trying to tune
it up hot, though. Follow the instructions carefully.

Regards, TOM BLACKWELL, N5GAR, PO Box 25403, Dallas, Texas 75225
tom.blackwell@ntpcug.org SGL-North Texas
The NTPCUG's TI PRO BBS lives at (214) 361-5275

• SLMR 2.1a • This is a closed and private tagline. Do not read it.

1169. Diagnostic software

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: camper@mystique.win.net
Message-ID: <531@mystique.win.net>
Source record: 206896

Larry - do you know of any shareware software that will give me a GOOD system diagnostics - scan for all the com ports 1-15 and a good memory check and check conflicts,iterger divide by zero problems - if not then how about a commercial product and where to go to get one - tnx - camper---
* PowerAccess 1.08 Real programmers use COPY CON: PROGNAME.EXE

1170. Re: Connector Insertion Loss

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: rst-engr@oro.net
Message-ID: <4e60q7$582@hg.oro.net>
Source record: 206897

>At HF the worries of loss in the connectors are real at high power, but not so
>much at low power, however I am curious what losses are on VHF.

I don't think you are going to get a lot of qualified opinion on this
question, in that most of us who do this for a living wouldn't
CONSIDER using PL259/SO239 above 30 MHz.. My personal preference is
BNC up to 300 MHz. and 300 watts and N above (in either case).

Jim

Jim Weir VP Engineering | You bet your sweet patootie I speak
RST Engineering | for the company. I OWN the cotton-
Grass Valley CA 95945 | pickin' company.
voice/fax 916/272-1432 | AR Adv. WB6BHI Cessna 182A N73CQ
rst-engr@oro.net | Comm'l Pilot & CFI Airplane/Glider A&P Mechanic

1171. Re: Will mod affect FT51R performance?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: wagnerj@watt.oedison.com
Message-ID: <4e5dsj$dfc@watt.oedison.com>
Source record: 206898

On Wed, 24 Jan 1996 00:47:36 GMT dddavis@atl.mindspring.com (Don Davis) wrote:

>The extended MARS/CAP modification to the Yaesu FT-51R expands the
>receive range to 110-180 MHz and 320-500 MHz. (I am not interested in
>extended transmit.) If I perform this mod, is it likely to affect the
>receiver performance (intermod, sensitivity, etc.)? Thanks for any
>advice. Don (KE4KYO)

I didn't use any test equipment to verify this, but I noticed no difference at all in performance. Since the mod is all in the CPU and not in any of the RF stages, it doesn't widen the front end of the radio or anything like that.

John Wagner wagnerj@watt.oedison.com

For Encrypted Mail: PGP Public Key Available upon Request

1172. Re: Increasing the Power of the QST Antenna Tuner

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: Kory Hamzeh <kory@avatar.com>
Message-ID: <Pine.BSD/.3.91.960124193059.28141A-100000@avatar.avatar.com>
Source record: 206899
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

On Sun, 14 Jan 1996, Gary Coffman wrote:

> In article <Pine.BSD/.3.91.960113193015.27938B-100000@avatar.avatar.com> Kory Hamzeh
<kory@avatar.com> writes:
> >
> >I really liked the QST Antenna Tuner Project in the Jan 96 issue, but I
> >need a tuner that can handle up to 600 watts. Can some kind soul explain
> >to me what needs to be upgraded to handle 600 watts?
>
> The L network components, and the relays, need to be upgraded to handle
> the higher power. The circuit board probably won't work either, traces
> too thin and too close together, and the new parts probably won't fit
> either. A new relay driver circuit will likely be needed too. You can
> recalibrate the VSWR measuring circuit and use the custom microprocessor,
> but everything else needs to be replaced.
>
>
> Gary

Hi Gary,

The other problem I think I will defintly run into is all of the RF
energy getting to the microprocessor. I'm not quite sure how to isolate
it, other than shielding the microprocessor in a metal enclosure.

Kory

1173. Re: A.C.C.,Inc. Where are they?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: Chris Boone <72732.2610@CompuServe.COM>
Message-ID: <4e593f$3u8$2@mhadg.production.compuserve.com>
Source record: 206900

Read my previous reply about Linkcomm

73
Chris
--
Senior Telecommunications Technician 72732.2610@CompuServe.com
ENTERGY/Gulf States Utilities 1:106/4267 FIDOnet
WB5ITT - Advanced Class BBS- 409-447-4267 (WBBS)
PG-9-5322 FCC Commercial 409-525-2001 PhoneMail 24hr

1174. Re: FT-51R feedback/opinions/etc ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: wagnerj@watt.oedison.com
Message-ID: <4e5dnk$bhc@watt.oedison.com>
Source record: 206901

On 23 Jan 1996 20:33:24 GMT assst5+@pitt.edu (Amy S Snyder) wrote:

>I've been reading this group for about a week, and haven't seen much
>said about the new Yaesu FT-51R ...

>Does anyone have any comments they can make regarding this radio?

>Thanks!

>73,

I've had my FT-51R for about 3 months, and am very happy with it.

Nits:
- When the volume is set very low, and you're listening to a VHF signal, then a signal comes on the UHF side, the volume on BOTH bands goes up a bit. I notice this when listening quietly at work, and the volume suddenly goes up.
- Display can be easily scratched if you don't keep it in a case.
- The Spectrascope display is useless. When it is on the display, you can't hear any audio.

Picks:
- VERY small & light
- Good audio quality on TX & RX.
- Scrolling help display, aka:you don't have to carry the book everywhere
- Programmable from a PC with the ADMS-1B software (VERY handy, especially for the alpha display)
- More features than anyone could use
- Several different crossband modes which help when crossbanding through the mobile radio.

John Wagner wagnerj@watt.oedison.com

For Encrypted Mail: PGP Public Key Available upon Request

1175. Will mod affect FT51R performance?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: dddavis@atl.mindspring.com
Message-ID: <4e3vgc$oub@brickbat.mindspring.com>
Source record: 206902

The extended MARS/CAP modification to the Yaesu FT-51R expands the receive range to 110-180 MHz and 320-500 MHz. (I am not interested in extended transmit.) If I perform this mod, is it likely to affect the receiver performance (intermod, sensitivity, etc.)? Thanks for any advice. Don (KE4KYO)

1176. Re: AOR3000a For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: pleines@stars.gsfc.nasa.gov
Message-ID: <4e63av$fc5@post.gsfc.nasa.gov>
Source record: 206903

In article <4dtr02$96k@morse.ukonline.co.uk>, kevin.bates@ukonline.co.uk (Kevin Bates) says:
>
>
>AOR3000A Scanning Receiver with WEFAX mod, excellent condition
>and boxed only £499.00
>
>UK sale only
>
>Contact kevin.bates@ukonline.co.uk
>

ARE YOU SURE YOU'RE LIMITING THE SALE TO ONLY THE UK? I'D SNAP-UP A DEAL LIKE THAT IN A HEARTBEAT

1177. Needed: Phone patch

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-24 00:00:00 UTC
From: Swren@popalex1.linknet.net
Message-ID: <4e6k6k$2ho@news.linknet.net>
Source record: 206904

Anyone got a phone patch they can sell, cheaply? Please e-mail.
Thanks. Scott

1178. Re: Grounding problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: blanton@ni.net
Message-ID: <blanton-2501962217460001@xband.ni.net>
Source record: 206705

In article <31067820.10078668@news.agt.net>, smason@agt.net (Steve Mason) wrote:

> >For RF, you are too far from ground for a useful RF ground, and would
> >have to resort to tricks like MFJ artificial
>
> How far is too far for typical HF work? 1/4 wavelength?

The distance should be MUCH less than 1/4 wavelength. From 1/4 wavelength
away the impedance at the grounded end is transformed into that of an open
circuit !!!

Regards,

Lee, WA8YBT/6

1179. Re: IC-706 Service Manuals are HERE!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4e8lsm$gmm@newsbf02.news.aol.com>
Source record: 206706

In article <822557275snz@microvst.demon.co.uk>, "Anthony R. Gold" <tgold@microvst.demon.co.uk> writes:

>
>Sounds like nice work. I hope that the firmware is socketed to allow folks
>to more easily benefit from any later improvements.
>
>Regards,
>--
> Tony - G3SKR / AA2PM

Hi Tony,

I fear it's a mask! Ohh-ohhh!

Anyway, 15mS is not noticable except at 40 to 50 wpm to me. So I operate the 706 without problem, but like you I switch my DSP delay out (70mS delay).

The "key" is radio manufacturers ALL need to get a real CW op to look at designs in an early stage. The headaches caused by poor QSK design on CW are all too common with most brands, so I suspect the engineers are not CW operators.

One manufacturer actually designed and markets a CW chip that calls the dot to dash ratio weight!!!! If I was going to go through the bother of masking a custom chip, I'd make sure the thing worked correctly!

Hi Steve,

Yes you're right, it was you. I received Gary's reply before your original post.

I notice a slight reduction in weight that increases with speed on the internal keyer, but the problem is either much more eveident or much more measurable with external keying.

RV109 does not cure the problem. In my rig, if the delay is reduced to 10 mS I get overshoot on the leading edge of the waveform. The best I could do was pull mine down to 13 mS.

When I get time I'll look at the circuit in detail. At quick test it looks like the CPU is controlling the delay, probably because the hardware won't switch states fast enough. But this is really ICOM's job, and in fairness to them they should have the opportunity to respond. I'm sure they know more about their radio than any of us do.

73 Tom

1180. Re: Motorola GP 300

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: n9mxt1@aol.com
Message-ID: <4e7rvi$5cv@newsbf02.news.aol.com>
Source record: 206707

Hmmm, sure is a lot of radio's you want!!! What are you planning to do with that many???

Anyways, I have 3 here and l love the radio...cause it sounds great!! Awesome audio from the radios. The only thing I don't like is I am a HAM and I hate having to always program all the new frequencies I want inside it.

Well, good luck on your mission.... N9MXT1 - Jeffrey

N9MXT - Jeffrey

1181. PRO-2036 Scanner mods needed.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: ralfaro@sol.racsa.co.CR
Message-ID: <9601250422.AA17824@sol.racsa.co.cr>
Source record: 206708

Are there mods for the Radio Shack PRO-2036 Scanner?
Mine has serial number 45007579. It has about 6 months.

Thanks,

Ruben TI5AER

1182. Re: Heathkit SB200 amplifier

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4e8no3$hqd@newsbf02.news.aol.com>
Source record: 206709

In article <19960125.n314@ntpcug.org>, tom.blackwell@ntpcug.org writes:

>The reflected power between the exciter and the amp input should be
>checked. The amp has tuning coils to arrange for minimum reflected
>power back into the amp. Don't get killed drawing an arc trying to tune
>it up hot, though. Follow the instructions carefully.
>
>

You can locate the problem easily.

If the plate current is normal with full drive, but the the output is low
it is a tank problem.

If the plate current is low on ten meters, it is an input circuit probelm.

The most common tank probelm is improper adjustment. Be sure the loading
control is open far enough. ****DO NOT START TUNING WITH THE LOAD CONTROL
FULLY MESHED*** start at half way open or more.

If it is a tank problem....try to tune it correctly at the lower end of
ten meters, adjust it for max out. Rotate the plate tune cap several
degrees either side of resonance. In one direction, you should find a
moderate reduction in output and then another increase. That proves the
tuning cap is being set near minimum but not beyond minimum C. The "double
peak" occurs when the tuning cap leaves resonance, rotates past minimum,
and starts to increase again.

Along the same lines, if you tune it for max out and pop the top off an
look at the tuning cap position, it should be very nearly "open", but not
all the way open.

If the cap is out of range spead the turns in the ten meter area of the
tank coil a bit and try again.

If it is an input problem there are easy steps to trouble shoot it also.

73 Tom

1183. Re: HF Rig Selection for NEW ham IC-706,TS-50....?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan25.194512.8182@ke4zv.atl.ga.us>
Source record: 206710

In article <Pine.SOL.3.91.960124105616.24414C-100000@steele> Bradford Ashley <ashleyb@ohsu.edu> writes:
>Here's a follow up question for your or anyone else
>what's the best rig(receiver section) for under $1500 new or used.
>Ten-Tec seems like a good nomination are there others ????

IMHO the best rig for the bucks is the IC-735. Dynamite radio, longest production run of any amateur transceiver, and you can find a used one for around $600. I'm hanging on to mine so don't ask. :-)

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1184. PWI/MobileFAX Model 1010 Syn sweep/func gen ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: chrise@n0jcf.com
Message-ID: <4e8rsd$4gs@n0jcf.com>
Source record: 206711
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

Does anyone have any experience with and comments on a 12 MHz
synthesized sweep/function generator offered by a company
called PWI/MobileFax in Carson City NV ?

It's advertised in Nuts&Volts (page 137 of January '96 issue).

I'm looking for a new function generator for the bench and
this one appears to have some interesting capabilities...

$400 price range...

Thanks.

Chris
--
Chris Elmquist, N0JCF
chrise@n0jcf.com
n0jcf@amsat.org

1185. Re: Dual Band Mobile w/ 9600

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: ej.johnson@digcir.cts.com
Message-ID: <960125160050293@digcir.cts.com>
Source record: 206712

JL}}From: leahyjp@cs.purdue.edu (Joe Leahy)
JL}}Subject: Dual Band Mobile w/ 9600

JL}}I am a newbie, looking for a transportable rig w/ both 2m and 70cm with
JL}}a built in 9600bps modem. I have seen 2m rig's with tncs built in but
JL}}never a dual band. If anyone knows of such a monster let me know.
JL}} -Joe

the Kenwood 733a has 9600 bps and is a 2m 440 mibile

N6oid
EJ!
---
* OLX 2.1 TD * "Not tonight baby.....I have a modem."

1186. Re: A.C.C.,Inc. Where are they?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: cconklin@softkore.com
Message-ID: <310726a6.261912606@saratoga.compassnet.com>
Source record: 206713

On Tue, 23 Jan 1996 01:29:01 -0500, "Thomas W. Castle"
<afn17891@afn.org> wrote:

> On 23 Jan 1996, Ray A. Krohn wrote:
>> Does anyone out there know the phone numbers for Advanced Computer
>> Controls, Inc. I think I read they were bought up by another company.
>Sorry to say they went out of business... Gone period... There
>was word that some info would be posted in public domain on the
>net... Have'nt seen it yet...

Link Communications bought them. Software and (some) manuals are
available online. The guys are working on vendor lists for parts on
the stuff- but no tech service is being offered.

Check ftp://ftp.netins.net/showcase/linkcomm
for the stuff
Also the Link Users mailing list has several ACC veterans, and
continues to offer a small forum for troubleshooting.

Send e-mail message of SUBSCRIBE to: majordomo@engrng.pitt.edu

1187. Which is the best dual band handy?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: al bolton <al@boltons.demon.co.uk>
Message-ID: <822537290snz@boltons.demon.co.uk>
Source record: 206714

I'm considering buying a dual band (70cms/2 meter) handheld. I can choose from the following-I'd appreciate any feedback about how well these models perform!

Yaesu FT 727R
Yaesu FT 530
Yaesu FT51R
Alinco DJ580E/T
Kenwood TH77E
Kenwood TH78E
Icom ICW24ET
Icom ICW2E

Some of these models refer to European specification, but I'm sure any observations about the US equivalents would be equally valid. I want good rf performance on receive-i.e. resistance to intermodulation and images from powerful signals out of the amateur bands-especially annoying are high power pagers on 153MHz or so in the UK. Also a good, clean transmitted signal is important! And what about reliability?

Anything appreciated either via the Newsgroup or you can Email me at al@boltons.demon.co.uk
Thanks,

Al Bolton.
OK8VSQ/OM/G4VSQ.
Sal'a, Slovakia,
Caversham, UK.

1188. Re: Connector Insertion Loss

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: blanton@ni.net
Message-ID: <blanton-2501962206590001@xband.ni.net>
Source record: 206715

In article <31056669.12215597@news1.mnsinc.com>, jsmith@mnsinc.com (Jack R. Smith) wrote:

> As others have said, in RF design, it is common to assume a connector
> loss of 0.1 dB/connector. But, a properly installed PL-259/SO-239
> connection at HF has a much lower loss. If you have 1KW of RF power
> and it goes through a device with 0.1 dB loss, the device dissipates
> 22.6 watts of heat. ...

That level of dissipation would only occur if the 0.1 dB loss was entirely dissipative (ohmic) in nature, which is unlikely. The connector loss is probably mostly reflective, due to the non-constant impedance of 'UHF' connectors.

73,

Lee, WA8YBT/6

1189. icom745 Memory back up battery

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: NIKOLAUS FOELLMER <foellmer@slip.net>
Message-ID: <4e6ou6$l1u@slip.net>
Source record: 206716

I need details on lithium battery - life span,how to change,options.

1190. A.C.C.,Inc. Where are they?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: Chris.Boone@f4267.n106.z1.fidonet.org
Message-ID: <fc9_9601251148@woodybbs.com>
Source record: 206717

5*** Quoting Ray A. Krohn to All dated 01-22-96 ***
> From: kd3rn@postoffice.ptd.net (Ray A. Krohn)
> Subject: A.C.C.,Inc. Where are they?
> Organization: ProLog - PenTeleData, Inc.
>
> Does anyone out there know the phone numbers for Advanced Computer
> Controls, Inc. I think I read they were bought up by another company.
> The phone numbers I have are now disconnected and we need some help
> with our RC85 controller.
> Please reply to kd3rn@postoffice.ptd.net
> TNX
ACC sold out to LinkComm in Montana back in July.......LinkComm has software
upgrades to the last versions for all ACC controllers but thats it...

Maybe I can help....I was a long time ACC RC850 owner...and know the 85 as
well.

Chris
WB5ITT
72732.2610@CompuServe.com
--
|Fidonet: Chris Boone 1:106/4267
|Internet: Chris.Boone@f4267.n106.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.

1191. Re: Comments wanted - Kenwood TS-870

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: nitz@access.digex.net
Message-ID: <4e6pvf$4f0@news3.digex.net>
Source record: 206718

In article <01I0DVXU0HAU003EHW@mr.airservices.gov.au>,
Damien.Vale@airservices.GOV.AU says...
>
> I am interested in comments from anyone owning or having used
> a Kenwood TS-870. The only review I have seen was in a recent
> issue of "73" where mention was made of distorted audio on
> receive.
>
> Damien VK3CDI
>
>

Damien:

I traded in an 850S/AT for my 870. I've logged about 10 hours on it so far so I'm still a novice. Here are my comments:

1. By far, this is the quietest, nicest receiver I've heard. The ability to tailor the band-pass characteristics with the digital filter are excellent.

2. I've enjoyed using the transmitter (SSB) adjustments to tailor my frequency response, "sharpness", etc. I have a stored "sound" for rag-chewing which favours heavy bass, and DX settings with a sharp high frequency response.

3. The CW keyer on this rig will delight any experienced CW operator (It's a Logi-keyer (sp?)). I've also experimented with the computer interface on CW and enjoy calling CQ by typing as well as keying. The adjustable rise/fall time on CW makes distinguishing high speed CW easier. For slower speeds, a slower rise/fall time sounds a bit more mellow.

4. The RCP program is a blast. It's a hobby all by itself. You can design virtual radios based upon templates. The built-in 870 virtual radio seems to work well; I've had problems "loading" saved radio states but this might be unique to me.

5. Even with all the features, menus, etc. this radio is extremely easy to use. You can be up and running within ten minutes of unpacking the radio. You will also spend many hours reading the manual and fiddling with the 60+ parameters on the software menu.

6. The list price is rougly $1,000 higher than the 850S/AT, however if you can spare the money, it's well worth the difference.

Hope this helps, Damien.

73,

[Jim Nitzberg]
[nitz@access.digex.net]

1192. WTB 2M rig

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: harlan.falkin@prostar.com
Message-ID: <0000121D000008B4@prostar.com>
Source record: 206719

Looking for a good hand held 2 meter rig. Any ideas?

1193. Help IDing some old Motorola radios

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: little@pecan.enet.dec.com
Message-ID: <4e7000$mgc@usenet.pa.dec.com>
Source record: 206720

Our local village has offered our RACES group some old mobile
radios that they no longer need. I'm guessing they are on
either the public works or police frequencies here (around
151 MHz). Can anyone help me identify the type of radio
and its options? The model numbers (which I understand
also include option information) are:

U33BBA1000A
U33BBA1900A
U43CMT1100A
T43MHT1190B
T73MHT4190A
T43RTN1190B

Any help would be greatly appreciated.

73,
Todd
N9MWB

1194. FM BC IF Filters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: rcarpen@DGS.dgsys.COM
Message-ID: <Pine.SOL.3.91.960125054719.7942A-100000@DGS>
Source record: 206721

blandp1@aol.com asks about replacing some of the Murata IF filters in his FM BC receiver to change from European to USA reception. To a first order, I would expect that no difference would be noticed. Probably the filters for Europe make the receiver a little narrower than the USA filters.

In the USA, FM BC stations heard in a given metropolitan area area on channels 800 kHz apart (in theory). In fact, in the densely populated northeastern part of the USA, nearby stations may be on channels 400 kHz (sometimes even 200 kHz) apart.

European FM BC stations may be 300 kHz or 500 kHz apart, as well as the common USA spacings. Thus one might expect European radios to be a bit narrower. Something like the 9 kHz AM spacing vs. the N&S American 10 kHz.

Bob Carpenter w3otc

Submissions: vhf@w6yx.stanford.edu
Subscription/removal requests: vhf-request@w6yx.stanford.edu
Human list administrator: vhf-approval@w6yx.stanford.edu

1195. WTB: Kenwood TS-440S/AT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: CBAX63A@prodigy.com
Message-ID: <4e70ot$eg0@usenetp1.news.prodigy.com>
Source record: 206722

Will pay cash and shipping for a KENWOOD TS-440S/AT in ANY, I repeat, ANY working condition. Just as long as it is FAIRLY working! COSMETICS IS ABSOLUTELY NO CONSIDERATION!!! Call 800-399-4383 x765 24hrs

-

ROLAND S GETER SR
CBAX63A@prodigy.com
800-399-4383 x765 24hrs

1196. Re: "Fleaspeak" (understanding flea market speech)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: Joseph Fitter BV/N0IAT <joentam@transend.com.tw>
Message-ID: <4e6k9b$i6i@tilde.csc.ti.com>
Source record: 206768

They made me laugh....here's another old favorite

How about:

"I cant negotiate the price, as I'm selling this piece of gear as part of an estate sale."

(translation: my wife said she'd kill me if I bring home another piece of worthless amateur radio junk. I found this earlier today, couldnt pass it up and probably overpaid, and when I lugged it back to the car I then remembered her sobering words... It'll be _my_ estate sale if I try to sneak this stuff home and she catches me.

;) Joe

1197. (no subject)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: Bryce Holmes <KE6YSD@aol.com>
Message-ID: <4e6qdk$tkb@opal.CyberGate.COM>
Source record: 206769

Helloï¿½

I was wondering if anyone knew the mod codes for the IC-P4AT 440 mini handheld. I've got extended receive right now, but alas, no transmit.

Disclaimer: I'm not trying to do anything illegal, I just want to transmit in the other band areas when I'm out of country.

Thank youï¿½
Bryce Holmes
KE6YSD

1198. Aany comments on IC 200H by users ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: Carl H Nord <cnord@mail.snet.net>
Message-ID: <4e6nm3$1b0a@CT1.SNET.Net>
Source record: 206770

Hello all,
I am considering one of these radios.
3 questions I would like your thoughts on.

1. How is the aircraft rcv?
2. Can the VHF xmt be extended with a mod ?
3 How do you like the rig ?
Thanks,
Carl
WA1KPD

1199. FS- HTX-202 Two meter HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: braymer@sunbelt.NET
Message-ID: <01I0EHWI376Y90R481@SUNBELT.NET>
Source record: 206771

```
For Sale a Radio HTX-202 Two meter HT
The HT works fine and is 10 merory programmble
comes with speakermike and wall Charger,I Have
no manual. $140.00 Firm Shipped

from Bobby AD4HL Email too braymer@sunbelt.net

--------------------------------------------------------------------------------
----------------------
```

1200. Re: Yaesu FT-10 & FT-40

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: otterson@mindspring.com
Message-ID: <4e6poq$3ga@brickbat.mindspring.com>
Source record: 206772

Hi,
I have a FT40 and it is the cat's ass! Fit's in my shirt pocket, and looks like it could take a LOT of abuse (not that I have been testing that) I've been told that it sounds good on the air. I bought the 99 channel version, without the silly DVR. The only thing that I thought the DVR would be useful for is to use the radio as a simplex repeater, and it won't do that, apparently.

Btw, David, how is the rubber case you are describing? is it the RH1 or the CSC-xx case? what does it look like, and how does it protect the radio? (Even a mil-spec-tough radio is nice to keep from scratches and dings!)

n1kdo
Jeff Otterson
---
otterson@mindspring.com
Maker and user of tools
PGP key available at http://www.mindspring.com/~otterson/pgp.htm

1201. Re: Comments wanted - Kenwood TS-870

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: Feroz Ghouse <Ghouse_F@mail.uwlax.edu>
Message-ID: <4e6ol3$jij@alfred.acs.uwlax.edu>
Source record: 206773

I have been using a TS-870 S for a while now.
I am quite pleased with the performance of the radio and have no major complaints. The DSP does take some getting used to and it would be nice to have more features with the DSP so that one can have the noise reduction and the autonotch on at the same time. Currently you can have only one of the three options working at a time (noise reduction, beat cancel or auto notch).

The computer interface works great with my logging program (LOG-EQF)
I think the radio is much quieter than any other radio I have heard. I used to own a TS-850 before.

I spend a lot of time on FSK and I can truly copy a signal that does not register on the S-Meter.

The DSP technology used is applied in the 4th IF at approx 11KHz. The DSP also leads to the mic gain and carrier settings having to be turned up more that what we are normally used to (7'O clock).

The transmit equalization works well and offers 3 options...a bass boost, treble boost or a comb filter (cuts oout background hash),

I have a bunch of reports from contestors who used the radio. The reports are mixed with the general feeling that the radio is quite good. The front end does tend to breakdown if you have another strong signal - I mean a KW next door. This is of no concern to me.

CW is fantastic...so is the keyer.

Al in all it is a lot of radio for the money and I have no regrets
73
Feroz, 4S7FG/WU9N

1202. HELP: G/E MPI Series Info???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: subbustr@whidbey.net
Message-ID: <4e6sa8$hdv@whidbey.whidbey.com>
Source record: 206774

Have a G/E/ UHF radio MPI Series -2ch UHF and need a
speaker/mic. Not sure of ther model # ???

Cud be TR-1 21 OR Comb: P5CRR56BEN ??

The mic config is as follows:
2 - 1/8" jack inputs (ear/mic) spaced 1" apart.

Any info please or mics avail?

subbustr@whidbey.net

1203. 2 Meter Intermod Buster

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: LAXX43A@prodigy.com
Message-ID: <4e6lmp$1be8@usenetw1.news.prodigy.com>
Source record: 206775

I think this is worth passing on, I bought a Kenwood tm-733A and
everytime I went to town, the intermod from paing services made the radio
squawk....never had the probllem with the IC 3200A but that radio could
not receive the weather etc. So I bought the PAC Electronics notch filter
for the Paging frequencies that are advertised in QST, ham trader and CQ
for $68

1204. 2 Meter Intermod Buster

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: LAXX43A@prodigy.com
Message-ID: <4e6lrs$17k4@usenetw1.news.prodigy.com>
Source record: 206776

I think this is worth passing on, I bought a Kenwood tm-733A and everytime I went to town, the intermod from paing services made the radio squawk....never had the probllem with the IC 3200A but that radio could not receive the weather etc. So I bought the PAC Electronics notch filter for the Paging frequencies that are advertised in QST, ham trader and CQ for $68 and it really cut out the Intermod on two meters and 450 MHZ, nice to not have SWwawk Cackle Pop on FM now, give it a go. I'm happy and I dont work for them. Give them a call. TM-733A is great radio now, it was not very good prior to the filter. 73 Mike W7CFL

1205. RTTY FREQ questions....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: ashtabula2@aol.com
Message-ID: <4e7qne$4ju@newsbf02.news.aol.com>
Source record: 206777

Hello everyone,

I am currently brand new to rtty (bout an HR or so <G>) and I was
wondering if you could tell me where a good band would be to look for alot
of RTTY traffic, I know it is not widely used anymore, but any help would
be appreciated.....
THANX IN ADVANCE
73's
Jeff

1206. Re: icom745 Memory back up battery

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <4e80m2$6e@news.halcyon.com>
Source record: 206778

The battery is 3.35 volts. The ram draws NANO Amps of current, and the battery is able to source Milli amps of current, so it should last 20 to 25 years. To change the battery you will need to continue to provide the voltage the battery is now providing before you remove the original one.

This type of system has been in use for many years in many devices. Many companies is a capacitor in the place of the bettery, also the battery is only in use when the radio is turnrd off.

Most likely you are best to remove the ram board and send to ICOM, they charge $32.50 plus return shipping to renew the battey should it need it. Do not worry until the battery gets below 3 volts.

Gary

1207. ATV Equipment SWAP for LAPTOP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: James Bond <jbond@ccnet.com>
Message-ID: <4e6v97$7gs@ccnet2.ccnet.com>
Source record: 206779

SWAP:

P.C. Electronics Amatuer TV tranmitter 1200MHZ + transmit/receive antennas, 40 ft/ hardline
(purchased 9 months ago, and barely used. In storage since we moved in July)

for

486 Laptop Computer. Looking for 50MHZ +, color screen, case, modem.

I have a camera, tripod, and other goodies too....depends on what you have to offer:

If interested let me know immediatley.

Cash offers will be considered. Name your price!

James Bond
KE6PXQ
http://www.ccnet.com/~jbond
jbond@ccnet.com

1208. Re: POLL: What is the best dual band mobile antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: Chester Bowles <bowles@cmf.org>
Message-ID: <4e8ijq$6ci@news.monad.net>
Source record: 206780

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>but the Comet
>mechanics and esthetics are superior in my opinion.
>

I also think that Diamond makes an excellent dual-band mobile antenna.

Chet, AA1EX
--
--
CHESTER S. BOWLES	Education, rehabilitation, housing,
Vice President	and managed care for children,
Crotched Mountain Foundation	adolescents and adults with physical
One Verney Drive	and developmental challenges.
Greenfield, NH 03047	http://www.cmf.org
603.547.3311 ext. 404	bowles@cmf.org
--

1209. Re: Vanity callsign database on web?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: tsimpson@iglou.com
Message-ID: <DLr279.IwD@iglou.com>
Source record: 206781

Mparkes (mparkes@aol.com) wrote:
: I seem to remember coming across a callsign database of callsigns that may
: be available once the vanity callsign program is begun, but I can't seem
: to locate it now.
: Anyone know where it is? Thanks, Mike KS4DA

There is a copy of the QRZ Database online. I can't remember the http address at the moment. Any Ham Radio Search on the Web will turn it up though. Also you can access the current Call signs at Http://www.ualr.edu . The Ham Club at University Little Rock has a real good database on the system there. Also you can ftp to ftp.fcc.gov and they post the daily files for the new call signs about 11:50 pm each night. The Ualr database gets its info from here as well

I'm not with QRZ, UALR, OR the FCC. Just some locations I've found on-line with Callsign info.

--
Tom Simpson
tsimpson@iglou.com

1210. Re: DSP System - WHICH IS BEST ONE????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4e8n2l$heq@newsbf02.news.aol.com>
Source record: 206782

Read the MFJ-784B reviews. It has gotten very good reviews and is less expensive.

I really like mine.

;-)

73 Tom

1211. FS-PACKET TNC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: braymer@sunbelt.NET
Message-ID: <01I0FHSYXAO08ZHCAS@SUNBELT.NET>
Source record: 206783

```
For Sale a PacComm Tiny-2 packet tnc,I have use it very little
with manual and cable. $80.00 FIRM plus shipping

email too braymer@sunbelt.net
--------------------------------------------------------------------------
```

1212. Re: Opinions on the TenTec Scout?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: "Gregory J. Buhyoff" <buhyoff@vt.edu>
Message-ID: <4e8hig$7u3@solaris.cc.vt.edu>
Source record: 206784

I agree, it is a fantastic radio with an excellent receiver. I don't know where this stuff about the receiver being poor on CW came from! Nor, do I think the controls seem cheap. In fact, I feel quite the reverse. The controls on a TS 50 or IC 706 feel cheap to me. I've not had a problem with drift at my normal 30 wpm speed and I have never experienced drift due to changing engine speed when the rig was used mobile. The Jones filter is terrific and the selectivity is far better than the TS 450, FT 890, IC 735, TS 50 or IC 706 that I owned. I would purchase another Scout in a heartbeat. A PTO receiver is quiet and selective (if you have ever used a Corsair, for example, you know what I am talking about). It is just a darned good radio and well worth the price. If you want all bands and have antennas for all bands and really do work all bands, then ,indeed, another radio may be competitive in price. But, really how many people work all the bands all the time? -- very few. If you want to be avid dx'er (which I am) or a contester (which I enjoy immensely during casual participation) then, obviously, the Scout is not the radio you would want in the first place. At the same time who would use a TS 50 or IC 706 for these purposes? It depends on what you want to do. For a great basic radio with an excellent receiver then the Scout is a great choice. By the way, I have used the Scout with a 7 amp hour gel cell in portable operation and never received a report of drift or chirp as the battery voltage dropped -- even down to 11 volts. I would get an easy 2 hours of casual CW QSO's from the cell before recharging. The bottom line is --- a lot of the negative comments I've seen are from people "who knew somebody" or "heard from a guy" and so on. They don't seem to come very often from actual owners of the Scout.

I have no connection to Ten-Tec. I just think they are producing a fine product in the Scout and if you should ever need service, you will not find any that is better.

Greg Buhyoff KN4FR

1213. Re: Kenwood MC-60 Mic & RF

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: "C. J. Hawley" <hawley@aries.scs.uiuc.edu>
Message-ID: <3107D39F.63BE@aries.scs.uiuc.edu>
Source record: 206785

Feroz Ghouse wrote:
>
> Hello:
>
> Well you are right in that the RF problem does not exist with the hand mic. Someone
> responded to me and said he solved his problem by grounding the metal plate that is
> at the bottm of the base. I will try this. If this does not work...well
> Heil Heil here we come....

Well, one thing that Kenwood did was to connect the shield of the mic output (the return side of the mic signal, pin 7 of the mic connector) to the metal of the MC60 base. This connection is made at the mic amp circuit board on/off switch on the bottom of the unit. The possibility of introducing rf can be reduced by disconnecting the mic shield at this point. Now you can operate the buttons on the base of the mic without touching the mic shield. The mic shield will still be connected to the shell of the mic itself, so you may want to avoid touching the mike shell while transmitting. I realize that there are bypass caps at the mic input to the radio, but this doesn't seem to alleviate the many problems Kenwood users have with rf in the audio. Note that pin 8 is the chassis ground for the push to talk switch and is not supposed to be connected to the mic shield ground out side the radio in order to avoid ptt circuit current being introduced in the mic circuit.

Charles Jack Hawley Jr.
Amateur Radio KE9UW (A.K.A. 'Chuck' in Ham Radio)
BMW K100RS, BMWMOA #224 (A.K.A. 'Jack' in Motorcycles)
hawley@aries.scs.uiuc.edu
Sr. Research Engineer Emeritus
Univ of Ill, Urbana-Champaign

1214. Re: IC-706 Service Manuals are HERE!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <DLqMrC.49E@iglou.com>
Source record: 206786

Now this is starting to make some sense. However, I have found the dots are chopped with the internal keyer just as bad or worse than external keys. The problem maybe one of perception in that what I hear in the monitor doesn't match the actual transmitted signal. The monitor's cw sounds rather heavy while the acutal signal is rather light and badly in need of more weight. Thanks for all your research on this!

: In any event, what I've found isn't a leading dit chop. It appears to be
: an unitentional keying weight reduction when an *external* keyer or hand
: key is used, and appears to be software related.

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

1215. SWAP: PRO-2021 scanner for a multimode/TNC controller

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: hutson@exis.net
Message-ID: <hutson-2501961255250001@41.exis.net>
Source record: 206787

I've got a fairly new PRO-2021 scanner (as in barely used), and I want to trade it for something that can at least do packet?

Original price of this scanner was $329 and it's in great shape, any offers?

Please e-mail me at hutson@exis.net if you are... Thanks...

1216. Misc Stuff For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: braymer@sunbelt.NET
Message-ID: <01I0EI72KW968ZHCAS@SUNBELT.NET>
Source record: 206788

One Box of 131 Icon's for Motorola and some for
GE Radios some highband VHF and UHF $150.00 for box

Large box of Tubes all NEW $65.00 plus shipping

I have about 50 PageBoy Chargers for the Motorola PageBoy
Pagers,Sorry i dont have the pagers just the charger $3.00 Each
plus shipping or will sale the hole box at ones

Couple control heads motorola and GE $10.00 each plus shipping

Motorola and GE Speakers $10.00 each plus shipping

Several manual and information on the GE Master II Radio
$25.00 each plus shipping

Email too braymer@Sunbelt.net

1217. Re: Heathkit SB200 amplifier

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: mwhite@mitre.org
Message-ID: <mwhite-2501961038210001@m14494-mac.mitre.org>
Source record: 206789

John Clifford [G4BVE] wrote:

> Does anyone have any experience of the Heathkit SB200 linear amplifier?
> I have just repaired one with a HV PSU fault, but am having difficulty
> getting more than 200watts out of it on 28MHz. It will reach 650watts
> out on 3.5MHz...

Perhaps your tubes (sorry; "valves") have gone soft, and you need new ones.

Mike, N4PDY

--
mwhite@mitre.org

My opinions are my own, not my employer's.

1218. Re: IC-706 Service Manuals are HERE!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <822557275snz@microvst.demon.co.uk>
Source record: 206790

In article <4e79tq$s5d@newsbf02.news.aol.com> w8jitom@aol.com "W8JI Tom" writes:

> This delay does not mean the character is "clipped", it simply means the
> beginning of the character is delayed in time.

Ah so. If a complete element is sent with only a time delay, then the only issues will be sidetone and the availability of a window between elements to listen for full QSK. At some point a lagging sidetone will confuse the sender, but I don't know whether the 16mS in enough for that or indeed whether the IC-706 sends delayed sidetone along with delayed key down. Centainly my headest audio DSP, with an order of magnitude greater delay, has to be switched out on transmit before I am able to send anything.

> I just checked the 706 with an external key, and I think I may have found
> a software error that decreases the weight of external keyer inputs. But
> in fairness to ICOM, I need to talk to the engineers before I post it
> here. I faxed them the details earlier today.

Sounds like nice work. I hope that the firmware is socketed to allow folks to more easily benefit from any later improvements.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

1219. Re: Connector Insertion Loss

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <4e8b73$1guo@info4.rus.uni-stuttgart.de>
Source record: 206791

In article <709.6596T1425T335@moor.slip.uky.edu>,
Walter R Francis <Wally@POP.UKY.EDU> wrote:

>Someone told me 1 dB for 259's and .2 for BNCs.

If the PL259 is propperly installed, it will have negligible
loss on VHF. Henry Radio istalls them internally in the output of a
KW-amplifier at 144 and there are no problems.

BNC is not a good option, unless cable lengths are very short
(a few feet only) and you can use RG59 type cable. A BNC connector
with RG213 is mechanically not a good idea. The loss in a PL259
becomes of course prohibitive on any frequency, if corroded.

73, Moritz DL5UH

1220. Drake TR-7 VOX Plug

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: flegler@pilot.msu.edu
Message-ID: <4e8ftj$its@msunews.cl.msu.edu>
Source record: 206792

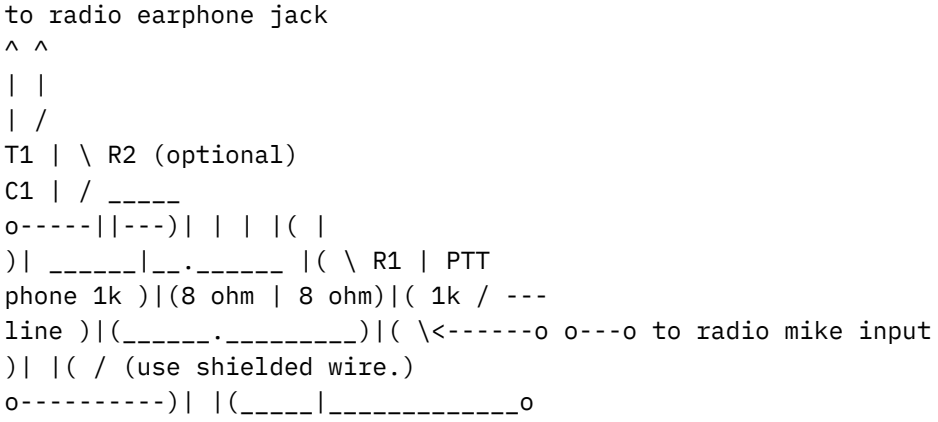
I want to connect a linear amplifier to a TR-7. The VOX relay jack on the back of the PS-7 power supply accepts a two prong plug. It doesn't look like anything I've ever seen. What type of plug is required and where can I buy one? Thanks, 73 Stan K8RPA, flegler@pilot.msu.edu

1221. Re: Needed: Phone patch

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: reid@indiana.edu
Message-ID: <19960125130453.reid@frank_reid.electronics.indiana.edu>
Source record: 206793

In Article <4e6k6k$2ho@news.linknet.net> "Swren@popalex1.linknet.net" says:
> Anyone got a phone patch they can sell, cheaply? Please e-mail.
> Thanks. Scott
>
>
PHONE PATCH FOR HANDHELD RADIOS

This circuit was published in _73_ magazine ~10 years ago. I've built
lots of them. Push-to-talk circuit as shown works with most
handhelds, which key their transmitters when a dc path through the
microphone is completed. Base/mobile rigs use a separate push-to-talk
line.



Push-To-Talk circuit as shown works with most handheld radios.

C1 1 uf 200 volt non-electrolytic.
R1 ~5k screwdriver-adjust pot to set microphone input level.
R2 resistance to equalize speaker and patch levels.
T1, T2 Audio-output transformer: Radio Shack part # 273-1330
(center taps not used).
--

Frank reid@indiana.edu W9MKV

1222. Extended Frequency Mod For Yaesu FT-1000MP???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: frede@microsoft.com
Message-ID: <4e8nac$2qt@ef2007.efhd.ford.com>
Source record: 206794

Could anyone in the know please post any mods for the Yaesu FT-1000MP?
I would assume that there's a mod available for out-of-band transmit,
but I haven't seen it yet.

Thanks!

1223. WANTED!! ICOM IC-u2AT HT manual accessories and Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: ko4qc@ix.netcom.com
Message-ID: <4e8kok$420@reader2.ix.netcom.com>
Source record: 206795

Just got an IC-u2AT HT and looking for batteries,DC
adapter,Modifications and manual.
Thanks
Ko4qC

1224. tempo s15 repair?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: msp@nauticom.net
Message-ID: <4e88dd$i7o_001@234.151.135.du.nauticom.net>
Source record: 206796

hello i have a tempo s-15 2 meter handheld in need of repair. it squeels when
the x-mit button is pressed and must be shut off to stop this.
anyone interested in trying to repair it , for a fee +parts?
email to
tomkay@drycas.club.cc.cmu.edu

1225. Re: IC-706 Service Manuals are HERE!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4e79tq$s5d@newsbf02.news.aol.com>
Source record: 206797

In article <822501241snz@microvst.demon.co.uk>, "Anthony R. Gold"
<tgold@microvst.demon.co.uk> writes:

>
>That adds up to 16ms to switch on. At 20 wpm a dot is only about 70mS
>long, so this rise delay is over a fifth of a dot and not insignificant.

>At 30 wpm the delay is about one third of a dot.
>
>

Hi Anthony,

I probably need to explain that better. I may have misled you.

This delay does not mean the character is "clipped", it simply means the beginning of the character is delayed in time. Nearly every rig has always done this, from grid block keyed 1950's era EF Johnson transmitters to the new DDS rigs. The reason this is done is to give the rig time to make the transition to TX, and to allow the oscillators and other circuits time to settle. Waveshaping also has to be added to control clicks.

The secret to sucess is the radio should delay the RF "tail" the same amount! If the TX start is delayed 10 mS, the manufacturer should add a 10 mS tail before the RF stops.

Unfortunately I have no easy way to measure the software delay at the end of the character when using the 706 internal keyer other than comparing the length of the sidetone to the RF output, but it looks (on the scope) and sounds (on a separate RX) pretty normal. So I *********assume******* with the internal keyer everything is delayed properly or very close to the proper amount.

Kenwood typically delays the RF turn on 5 to 15 mS. The ICOM 751A does this also. I had to actually increase the delay in my 751A, because on large splits (like working JA's on 160 meters-1910kHz to my tx freq of 1803 kHz) the VCO took so long to settle the radio actually swept a big click from ~1870 down to 1803! Since I increased the tail time of the transmission an equal amount as I increased TX delay, the effect on character length was zero!

The only negative effect this **very necessary** delay causes is the QSK receive window is shortened (in a transceiver). The RX window shortening is equal to 2x the TX delay, or 20 mS in my example.

I just checked the 706 with an external key, and I think I may have found a software error that decreases the weight of external keyer inputs. But

in fairness to ICOM, I need to talk to the engineers before I post it here. I faxed them the details earlier today.

In any event, what I've found isn't a leading dit chop. It appears to be an unitentional keying weight reduction when an *external* keyer or hand key is used, and appears to be software related.

73 Tom

1226. FS: Standard (Heathkit) Dual-Band HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: Chester Bowles <bowles@cmf.org>
Message-ID: <4e82nn$ros@news.monad.net>
Source record: 206798

For Sale: Standard (made for Heathkit) 2/440 HT - $225 shipping
included.

Model HW-24HT
Soft case
Wall Charger
NiCad battery
Battery case for AA batteries
Instruction manual

High power (@12VDC) is 5 watts. Low power is 400 mW.
20 memories (10 in each VFO)
Scanning (pause or busy)
CTCSS encode
DTMF keyboard
Auto power off
Battery save
Two VFOs
VHF receive - 130.00 to 169.995
UHF receive - 418.00 to 469.995
RF attenuator

Some comments: This is a great radio--excellent audio and a fine
receiver. Much better at dealing with intermod than my Yaesu. I've used
it quite a bit, but always with the soft case, so it is really in
pristine condition. I bought it new in the late 80s as Heathkit was
going out of the kit business. While it is not a huge radio, it is not
small like some of the newer models--it weighs 17 ounces. I'm selling
the radio only because I have a Yaesu which is smaller (I hike a lot and
weight is important). I also recently bought a Standard 508 which is a
great travel radio. I certainly don't need THREE HTs.

Chet, AA1EX
Home phone: 603-924-9901
--
--
CHESTER S. BOWLES	Education, rehabilitation, housing,
Vice President	and managed care for children,
Crotched Mountain Foundation	adolescents and adults with physical
One Verney Drive	and developmental challenges.
Greenfield, NH 03047	http://www.cmf.org
603.547.3311 ext. 404	bowles@cmf.org
--

1227. FS: Rotor

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: artburke@solar.sky.net
Message-ID: <4e8mgh$67p@alpha.sky.net>
Source record: 206799

My apologies to anyone this offends. I have a CDE antenna rotor I would like to sell. I honestly don't know what it's worth, but I will entertain whatever seems like reasonable offers. This unit will handle (according to the manual) up to 15 sq. ft. when mounted in a tower, and 7.5 sq. ft. if mast mounted. The rotor (and controller) is abt 10 years old but in very good condition. I used it at my previous QTH to rotate an antenna that was about 10 sq. ft. and never had a problem. Am now living in yuppieville (no antennas, no satellite dishes = no fun!).

If interested, please post to my e-mail. Thanks.

Art Burke
Lenexa, KS
NE4F

1228. Re: HF Rig Selection for NEW ham IC-706,TS-50....?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: Bradford Ashley <ashleyb@ohsu.edu>
Message-ID: <Pine.SOL.3.91.960125142727.9092A-100000@steele>
Source record: 206800

Scott:

Your point is well taken. I think there are several approaches to
the hobby you can roll your own, buy used, buy the newest and best.... I
made the comment earlier today that ham radio was built on the idea of
doing the impossible with little or nothing. QRP people working several
countries on 10mw or less. What I find is that you can really get lost in
the equipment jungle out there. I have found a least out west the used
gear pickings are quite slim. Most ham fests are not well stocked with
used gear. There are the national publications and big stores but to new/
returning people like myself I don't remember what model's corispond to
what gear. Can you suggest a book or article on good used rigs. I know in
the last few years some lemons have come down the pipe line. I think that
my intial question is quite fundamental NEW hams starting out need some
guidance in getting gear. HRO no offence intended is a nice store but
they're in business to make money and they rarely take the time to explain
things to new comers. What's been your best luck in
finding used gear??? Well at this point I'm still sorting out what to do
your suggestions are well taken and I'll look into things more. Thanks
for the help. If anyone else reading this would like to offer comments
feel free to e-mail me back.

Thanks Again
Brad WB7TSO
73's

E-Mail ashleyb@ohsu.edu

1229. Re: Kenwood MC-60 Mic & RF

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: nitz@access.digex.net
Message-ID: <4e6q99$4f0@news3.digex.net>
Source record: 206801

In article <4e42dr$257@alfred.acs.uwlax.edu>, Ghouse_F@mail.uwlax.edu says...
>
>I have a Kenwood MC-60 mic. Yes this has a pre-amp I can switch on and off. I find
>that when I run my linear, RF gets into the audio. My signal is clean whan I use the
>Kenwood supplied hand mic. BTW the radio is a TS-870S.
>
>Has anybody experienced a similar problem with the MC-60. If so I would appreciate
>all the help I can get to eliminate the RF. I'd like to think I'm grounded reasonably
>well.
>
>Help will be appreciated
>73,
>
>Feroz, 4S7FG/WU9N
>

Feroz:

I've experience the exact same situation with three radios in a row from kenwood, my 440, 850...and 870! The amount of RF getting into the MC-60A varies with frequency, WX, and amount of power I'm using. I've learned to keep both of my hands off the mike when transmitting with any high level of audio. This helps tremendously. In addition, I did all the ferrite beads, etc. RF seems worst when I've got one hand under the base of the mike and the other hand around the top, holding it, while the speech processor is on. With normal audio, and my hands off the mike, I don't have too many problems.

I also noticed that the hand held mike doesn't have any problem! Maybe it's time for us to try a Shure 444 or Heil mike!

Good Luck, Feroz.

73

[Jim Nitzberg]
nitz@access.digex.net

1230. IC 706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: Robert H&#65533;yvald <72242.477@CompuServe.COM>
Message-ID: <4e8imj$k25$1@mhadg.production.compuserve.com>
Source record: 206802

Does anyone know if this radio can be modified for decode on receive. I am in an area where I get many repeaters on the same freq. but they use diff. tones. I would like to block out the weaker repeaters.

TNX, Bob KB2UWJ

1231. More "Fleaspeak"

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: James Garland <garland@ohstpy.mps.ohio-state.edu>
Message-ID: <4e8cjf$eb5@pacific.mps.ohio-state.edu>
Source record: 206803

How to understand the flea-market seller.
Respectfully submitted, in the never-ending quest for flea market honesty:

"You'd better buy it now, because I'm leaving soon." (Translation: The previous buyer and his brother, Guido, are heading back toward the table and they aren't smiling.)

"It came from an estate sale." (Translation: If you have any problem take it up with the owner.)

"I had it on the air just last night." (Translation: And you thought the "woodpecker" was gone.)

"I only use it for ragchewing with friends." (Translation: He was the guy on 3898 whispering "Rod....neeey" into the microphone for two hours.)

"I just had it serviced." (Translation: his kid brother opened the lid and sprayed WD-40 over all the wiring.)

"It comes with the original box." (Translation: Just brush out the kitty litter and hold your nose when you open it.)

"Better buy it now, cause it won't last." (Translation: none needed.)

--Jim W8ZR

1232. Re: Kenwood MC-60 Mic & RF

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-25 00:00:00 UTC
From: Feroz Ghouse <Ghouse_F@mail.uwlax.edu>
Message-ID: <4e84bd$oms@alfred.acs.uwlax.edu>
Source record: 206804

Hello:

Well you are right in that the RF problem does not exist with the hand mic. Someone responded to me and said he solved his problem by grounding the metal plate that is at the bottm of the base. I will try this. If this does not work...well
Heil Heil here we come....

73

Feroz 4S7FG/WU9N

1233. what does a newcomer need to get a specific radio show via satellite?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: rol@uhc.com
Message-ID: <4ebeh2$r7t@rohcs1.uhc.com>
Source record: 206555
Cross-posted to: rec.radio.amateur.space,rec.radio.shortwave,rec.radio.amateur.equipment

I sent something very similar to the below to support@grove.net --
it should interest the readers on this group -- and they might be
able to help out as well.

It is a inquiry pursuing something someone whose email address is no
longer good who posted the below quote to the Rush Limbaugh FAQ
(see below).

Thanks! -- Roleigh Martin (rol@uhc.com)

P.S. Please also reply by email to. Also, does anyone know what is
the current email address for:
Kenneth Carlson <carlsenk@seq.oit.osshe.edu> -- this address is no
longer valid. Thanks again!

==========

To - support@grove.net

Dear Sirs:

For an writeup I'm doing on what to do if you are a diehard Rush
Limbaugh fan who lives in an area where there is no local AM radio
station who carries his show. I'm touching on Shortwave and
Satellite Alternatives. I am quoting from some email and usenet postings
pertain I believe to a product you sell that I want to ask you if so, and if
so, what all has to be ordered and at what cost. I'd like to give my readers
enough information to order a complete kit from you.

I reprint this part of the Internet Rush Limbaugh FAQ, per the written
permission of the FAQ posters:*

"Q7: What satellite channels carry Rush's Radio and TV shows?
A7: Kenneth Carlson <carlsenk@seq.oit.osshe.edu> writes:
Rush Limbaugh Radio Show on Satellite:

I have had a few inquires for satellite locations, since Waterfront
Communications has moved to different satellites. You of course, have
my permission to post. The United States Armed Forces Radio and
Television Service (AFRTS) broadcast live, the first hour of radio
show on Spacenet 2, Transponder 20, 7.40 MHz. On this feed will have
his national show and Armed Forces PSA's.

The Rush Limbaugh Radio Show is broadcasted to radio stations on
SatCom C5, Transponder 23. This feed is digital, thus needing special
equipment to pick it up, which cost thousands of dollars.

There is another radio show feed on Galaxy 4, transponder 3. This SCPC which requires a receiver for @$US500 dollars. On this feed you will get the national feed, PSA's and bogus commericals that Rush's Radio Show produced."

My question to you is this. Regarding his last paragraph, is he referring to something like what is shown on your web page: http://catmac.grove.net/CGI.SPG?L=F&P=RCV+27

SCPC-100 Satellite Audio Receiver
Receive Hundreds of SCPC Radio Channels on Your TVRO System!
RCV 27
Years ago most radio networks--ABC,
CBS, Mutual, NBC, NPR and others
distributed their programming by
telephone lines or microwave systems.
Single Channel Per Carrier (SCPC)
technology has allowed these networks
to use satellite transmissions to their
affiliates and users.

Now you can expand your home satellite system to receive all of these "hidden signals" and programs with the Universal SCPC-100 Satellite SCPC Audio Receiver.

The new SCPC-100 receiver is the first high quality unit that is affordable, rivaling many commercial SCPC receivers costing thousands of dollars. Features include:

Stable microprocessor--controlled tuning with two buttons. No knobs; frequency agile. 50-channel program memory with instant one-button recall;Non- volatile; holds memory when power is off. Receives entire 950-1450 MHz LNB frequency range from your satellite system. Easy-to-read 1/2" LED's; 4 digits, 7 segment numbers. Receives high quality music from hundreds of stations; Simple 3 minute hook-up; easy to use; no user fees or subscriptions required for reception. Receives all C- and Ku-band SCPC signals and programming.

Unit made and assembled in the U.S.A.
Manufacturer: Universal
Price: $399.95
Shipping Rates
US Rates: UPS 2nd: $5.50 Priority Mail: $7.50
Canadian Rates: Can App: $8.00 Can UPS: $9.00
For International Shipping Rates call or E-Mail: order@grove.net

Is the above capable of allowing U.S. citizens who are living in the USA in areas where they are not near an AM radio station that carries Rush Limbaugh, the Radio Show, to get Rush's Radio Show via the "feed on Galaxy 4, transponder 3. This SCPC which requires a receiver for @$US500 dollars. On this feed you will get the national feed, PSA's and bogus commericals that Rush's Radio Show produced." [By the way, what is a "PSA"--do you know?]

If your receiver is what is needed, what other things will people have to order: eg, perhaps antennas, masts, cables, directional-rotators (is that what it is called?), descramblers or decoders--what will they need to order? I'm interested in a fully spec'ed out items of things to buy but I do not want to recommend to the readers any frivolous, overkill items.

Last, do you know if the above satellite feed is capable of reaching all across America, including Alaska, Canada, and Hawaii?

Thank you for your attention. I will want to reprint your reply, so please make it specified in your reply that you are aware and okay such reprinting in a commercial book.

Thanks! -- Roleigh Martin, 5511 Malibu Drive, Edina MN 55436

==========

P.S. Regarding the "*" footnote, I got written permission to reprint the whole FAQ, which I'm including in the Appendix. I do focus on this paragraph too.

1234. Yaesu FT-840 Comments?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: kingbp@ka1fqt.mv.com
Message-ID: <DLrruJ.BM0@mv.mv.com>
Source record: 206556

I'm looking for comments on the performance of the Yaesu FT-840.

What is the noise floor on its receiver? How good is the receiver
under noisy and/or crowded conditions?

How does its SSB audio signal sound? How does its CW signal sound?

What is its duty cycle?

Are there any known problems or quirks with the unit?

Thanks,

Bryan
KA1FQT

1235. freqency counter for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: wires@inforamp.net
Message-ID: <4ebfkq$eat@sam.inforamp.net>
Source record: 206557

1 Startek 1350 handheld frequency counter (covers 1-1.3 GHz) comes with wall charger/adapter. Asking $200.00

I am selling this for a friend of mine so please e-mail for the name and phone number.

73 de Chris

1236. WTB: Old mechanical calculators

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: phil@SANDH.COM
Message-ID: <0000264F00001732@SANDH.COM>
Source record: 206558

I am interested in purchasing old mechanical calculators and slide rules.

I collect the old electro-mechanical "rotary" calculators that were made by Friden, Marchant, Monroe, and other manufacturers from the period of the 1900's through the late 1960's. I also collect non-electrical mechanical calculators and am especially interested in hand-held Curta brand calculators. I am not interested in adding machines that print on tape or electronic calculators.

If you have an old mechanical calculator or slide rule collecting dust in a closet, please send me an e-mail message.

Phil Sherrod (phil@sandh.com)

-- 13: usenet.rec.radio.amateur.equipment --

1237. ham havoc

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: perv@ophelia.waterloo.net
Message-ID: <4eb35p$et0@ophelia.waterloo.net>
Source record: 206559

Amateur radio operators (hams) are creating worldwide havoc, how may you ask ? well these seemingly harmless radios emit radiation across the world. The scoundrels that use transmitting devices actually transmit radio waves that can cause cancer and genetic havoc, remember there has to be a lot of power to send a voice signal from Canada to Africa !! at this very moment radio waves are being bounced at the ionosphere, hemisphere whereby they bounce off this enevelope sourounding the earth and are reflected into another part of the world !! radiation galore ! Not only is radiation harmful to humans, but what about the catastrophic mess thats done to our television and radio reception. You can be sure that a lot of these scoundrels build homemade equipment in the darkness of their basements that exceed the rules of society, creating further disaster to the environmnt. What can we do ... well perhaps taxing the operators to a hefty sum would suffice, you see most of the radio transmitters have to be licenced, most are ?
contact your local member of parliment or senator and strongly suggest that the taxes for licencing be raised greatly, we all can use the extra finances for worthy projects, like feeding the hungry children of the world.

1238. Re: What's a "Boatanchor"?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: dougrand@i-2000.com
Message-ID: <4eb7k9$rkl@i-2000.com>
Source record: 206560

I had a boat anchor once... I took a friend out fishing and he heaved it over the side BEFORE I was able to inform him that the rope was not tied to the boat.... Oh well.

Doug, KN2Y

payne@iquest.net (Don Payne) wrote:

xxsmith_j@WVLINK.MPL.COM (Jim T. Smith) wrote:
xx>In article
<Pine.BSI.3.91.960104141748.2867A-100000@cais3.cais.com>, USCG
xx>TELECOMMS <gttm@cais.cais.com> wrote:
xx>
xx>> Any radio that's more than 5 years old is considered a good boat anchor.
xx>> Be aware though, that there are some exceptions, such as a ts-180s,
xx>> ic-735, etc; they are not heavy enough.
xx>
xx>
xx>:-))) Just today, a fellow ham called my old rig a boat anchor. The
xx>Heathkit HW101. This is real amateur radio, when blessed with the
xx>opportunity to own and operate one of these sets. I would rather own a
xx>boat anchor than one of the new transitorized radios today. Real amateur
xx>radio involves doing for yourself, such as building your own antenna beam
xx>or stringing a long wire from one tree to another...it's a hands on hobby
xx>with real rewards. I love ham radio and I love the old boat anchors. Just
xx>my 2 cents worth.
xx>73's KB8YVN

xxA boat anchor is a radio that doesn't work, burned up, non fixable,
xxbasket case, (dirty junk that weighs too much to take to the hamfest
xxto sell for parts). Obviously your HW-101 works, and so does my HW-100,
xxHeath DX-60, Drake 2NT (YES IT'S A REAL CW RIG!!,An antique curiosity nowadays!)
xxThe tube rigs sound great and are easy to work on, and you dont need a twenty
xxthousand dollar spectrum analyzer to tune 'em up! We must respect the Hallicrafters,

xxNationals, Johnsons and Drakes as they pioneered ham radio as we know it today.
xxOh yes...anybody ever heard of a Collins KWM-2? Or anybody ever heard one on the
xxair? What a big, loud fat signal!! I like the new technology just fine...packets a lot
xxof fun, but anybody who hasn't played with a genuine warm classic tube rig is
xxmissing a great experience, as well as being educational.

xxTake care of the HW-101!!

xxDon Payne WB5IQV/9
xxChief Engineer, WZPL-FM
xxIndianapolis, IN USA

1239. Re: NiCd cells in Yaesu alkaline packs? Renewals?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: "Michael G. Reiney" <mreiney@hevanet.com>
Message-ID: <4eacd8$72n@vista.hevanet.com>
Source record: 206561

Bill, good input. It is possible to interpret your anecdotal information to imply that Renewals work really well in amateur service, contrary to popular opinion. I'm not clear on your data. Please give more accurate details on your operating experience.
During your hour walk, how much time is spent squelched, normal audio and transmitting at what power level? How many charges have you put on an individual battery? Do you run them till the radio sez they're dead? How long they take to charge is some indication on how flat they were.

Now for my anecdotal experience. I tried a pair of AAs in a Standard C508A. I did it for two reasons. 1) I don't use it much and liked the idea of long shelf life. 2) The radio output power is very sensitive to voltage and I thought the 1.6V would help.

Well, the output power was up, but not for very long. The loaded voltage quickly dropped to the level of a NiCd. And it kept going down. Slowly, but it doesn't take much to get the output power below 70 mW.
After two months of light use (probably 30 hours of high battery save and almost no transmitting), I was still getting out 60mW.

I opted for 800 mAH NiCD's and sticking it in a charging stand once a week. If I keep 'em topped off, I can get over 200mW out.

Story might have been different if I could have charged Renewals while in the radio.

miker

Bill Harwood <harwood@sirius.chinalake.navy.mil> wrote:
>Just a note!
>
>I have been having wonderful luck with the ray-o-vac rechargeable
>alkeline batteries. They stay charged until you need them, the charger
>is cheep, they last a long time in service and recover after use like
>regular alkelines. If you run out of battery when you are out you go
>get aa couple of packages of new ones and then you have some more
>reserves. I have between 30 and 60 charges on several sets and they are
>still going strong. They are also great in walkman devices.
>
>I take my Yaesu 470 with me when I walk about an hour a day five times a
>week. I get just about a week of use between charges. ni cads required
>charging every day to make the hour walk.
>
> \---/
> \ Bill Harwood U play it, I'll dance it /
> \ AB6DY or /
> \ I'll play it, U dance it /

```
> \-----------------------------------------------/
>
>
```

1240. Re: Yaesu on the web?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: ojunker@po.ia.dk
Message-ID: <4ebm1q$buq@news.uni-c.dk>
Source record: 206562

darylc@alliedpress.co.nz (Daryl Clarkson) wrote:

>Does anyone know whether Yaesu has a web page, if so what is the
>address?

>Cheers,
>Daryl.

Hi Daryl.

I have just visited Yaesu's home page:

http://www.yaesu.com/

Vy 73, de OZ8ND, Ole
E-mail: ojunker@po.ia.dk

1241. Re: IC-751 CW Performance

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: hlester@nemo.as.arizona.edu
Message-ID: <4ebmqm$sjk@news.ccit.arizona.edu>
Source record: 206563

In article <4do8n2$34cf@rs2.ccd.harris.com> dsnowden@ccd.harris.com (Doug Snowden) writes:
>I recently purchased an FL-32 (9mhz if, 500hz `) cw filter for my IC-751.
>After installing it, I was quite disappointed in what I heard. The filter
>didn't seem any better than using passband tuning in cw wide mode.
>Any similar experiences? Could they have put the label on the filter

Doug, the FL-32 installed in my IC-735 is quite a bit better than the
passband tuning alone. No, I don't know how the PBT compares to the 751.
I can even use the PBT in addition to the FL-32 to tune out the last
bit of adjacent signal.

Howard Lester KE7QJ

1242. Re: Icom IC706 Extended Rx/Tx Mods Anyone?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: Randall Rhea <randall@informix.com>
Message-ID: <310963BF.346C@informix.com>
Source record: 206564

```
> >
> >Removing D59 and resetting the processor will open up transmit for
> >HF through 60 MHz.

That's 54 MHz. The tx is still locked above 54.

=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=
Randall Rhea Systems Engineer
Informix Software randall@informix.com
```

1243. Kenwood TS-130S HF XCVR For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: jbaker@ubmail.ubalt.edu
Message-ID: <1996Jan26.193710.1@ubmail.ubalt.edu>
Source record: 206565

[No readable article body recovered]

1244. JRC-245 on RTTY

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: ritter@privatei.COM
Message-ID: <199601261407.HAA23590@mantis.privatei.com>
Source record: 206566

I have been considering the JRC-245 as a new rig and was
wondering is any users can confirm that all filters can be used
in all modes. I know the radio is AFSK only so, for RTTY can
the narrow CW filters be engaged. Any other comments on this
rig would be appreciated.
Thanks
Stu
N0LEF

1245. Re: Yaesu on the web?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: byoung@qni.com
Message-ID: <4eakhq$3ks@suba01.suba.com>
Source record: 206567

Try: http://www.yaesu.com/

1246. Kenwood TS-130S HF Rig for sale.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: jbaker@ubmail.ubalt.edu
Message-ID: <1996Jan26.210342.1@ubmail.ubalt.edu>
Source record: 206568

For sale, Kenwood TS-130S HF transceiver. Has WARC bands & CW filter; solid state. Comes with manuals & hand mic. Jeff WK3U. jbaker@ubmail.ubalt.edu tel: (410) 636-8979
--- Licensed to Communicate

1247. ***NYC Fire Dept. Frequencies***

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: tac63@aol.com
Message-ID: <4ebqf3$oq7@newsbf02.news.aol.com>
Source record: 206569

Can anyone tell me the transmit recieve frequencies and thier PL codes respectively for the New York City Fire Department, Borough of Queens. Please e-mail me if you can help. Thanx in advance for your help.

Ron
TAC63@AOL.COM

1248. Re: Yeasu Handheld Programming Software

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: sims@linux.acsys.com
Message-ID: <4earc9$8bu@mtv.acsys.com>
Source record: 206570

bil@eden.com writes:

>Anyone tried the DOS program to set up the Yeasu HTs memory? It's a
>breath of fresh air, after trying to set one up from the keypad. $40.

I don't know of any other DOS program for programming the Yaesu, but
we're getting close to releasing just such a product. If anyone's
interested in beta testing the product, or just for more information,
send me mail at sims@acsys.com. More info about the
DOS/Windows/OS2/Unix verions will appear soon at http://www.acsys.com.

cheers,
dave sims, kc5jkn
sims@acsys.com
--
dave sims
sims@acsys.com
kc5jkn

1249. HT batteries

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: Cecil Moore <cmoore@sedona.intel.com>
Message-ID: <4easkf$m76@chnews.ch.intel.com>
Source record: 206571

After many frustrating experiences with HT nicad battery packs, I discovered a T-clip adapter for VCR gel-cell batteries. The VCR gel-cells fit nicely into a pants pocket for powering HTs. It solved my problem of very expensive nicad battery packs that don't last very long.

73, Cecil, KG7BK, OOTC (not speaking for my employer)

1250. Re: Marine Deep Cycle battery charging

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: VillyM@cus.cul.ca
Message-ID: <4eb17s$1lg@missun.cus.cul.ca>
Source record: 206572

In <22489.822447967@safety.ics.uci.edu>, turner@safety.ICS.UCI.EDU (Clark Savage Turner WA3JPG) writes:
>Anyone know about keeping a deep cycle battery floating
>or otherwise maintaining the charge? I just bought a
>115 amp-hour battery to run my station in case the
>"big one" hits, or we otherwise lose AC lines. I would
>like pointers to literature, kits or products....if
>anyone has suggestions.
>
>Thanks.
>
>Clark
>WA3JPG
>
>P.S. forgive me if this is a duplicate, something very strange
>happened the last time I tried this :-)

Some of the reports that I have seen, would indicate that GOLF CART batteries would be a better
bet, cheaper, and last longer (I.e. through more discharge/charge cycles)

Villy VE6SQ

1251. Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: Chris.Boone@f4267.n106.z1.fidonet.org
Message-ID: <fdb_9601261318@woodybbs.com>
Source record: 206573

Kenwood UT-220 220 band module for TM742 rig...
Contact me at 72732.2610@CompuServe.Com or
409-525-2001 24 hrs (ignore the msg if it says to leave personal msgs
elsewhere!)

73
Chris
WB5ITT
--
|Fidonet: Chris Boone 1:106/4267
|Internet: Chris.Boone@f4267.n106.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.

1252. Re: Yaesu on the web?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: kgk@nwu.edu
Message-ID: <kgk-2601961331430001@kgkmac.repoc.nwu.edu>
Source record: 206574

In article <4e9t5m$ar1@celebrian.otago.ac.nz>, daryl@alliedpress.co.nz wrote:

>Does anyone know whether Yaesu has a web page, if so what is the
>address?
>
Try

http://www.yaesu.com/

Ken

-- _----
Kenneth Kalan PP ASEL ===_ / |
Northwestern University | ___/[__] ___/__ |
Prosthetics Research Laboratory |__ _|___|_____===/
Rehabilitation Engineering Program | \/
kgk@nwu.edu N9YIR o O
Civil Air Patrol, 2LT,1st Lyons Composite Squadron - Red Fox 407
Melrose Park RACES 1M64 Skywarn Weather Spotter
http://kgkmac.repoc.nwu.edu/

If you pick up a starving dog and make him prosperous, he will
not bite you. This is the principal difference between a dog
and a man. -- Mark Twain

1253. Re: Kenwood YK-88xx vs YK-88xx-1 filters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: turner@safety.ics.uci.edu
Message-ID: <4ebasp$7d6@safety.ics.uci.edu>
Source record: 206575

In <dgfDLnIn4.403@netcom.com> dgf@netcom.com (David Feldman) writes:

>Is the only difference between the above filters the mounting, being either
>just solder pins on the filter itself or inclusion on a small PC board with
>a pair of connectors? If this is the case, would I be able to get a YK88SN-1
>and convert it to a YK88SN by unsoldering the filter from the PC board?

I looked at the CW filters once, and the difference is center
frequency. The YK-88C and YK-88C-1 are not interchangeable
beyond the circuit board. I think that the SSB filters are
different, though. Check the manuals and you will see the specs
for center frequencies. No reason why it should be different
for SSB (well, not much reason for CW either, thanks Kenwood :-)

Clark
WA3JPG

1254. Re: New User - Needs Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan26.174444.12431@ke4zv.atl.ga.us>
Source record: 206576

In article <chuck.1173056399A@news.connectnet.com> chuck@aeroastro.com (Charles P. Ohrbom) writes:
>Hello,
>I hope this isn't a waste of your time, but.....

What else is our time for?

>I am thinking of purchasing my first 2-meter radio. In shopping for a unit
>I don't understand all of the features. Any help would be appreciated on
>the following terms and how they relate to a low-to-mid range radio.
>
>CTCSS Encoding and Decoding

Continous Tone Coded Squelch System, often called PL, which is a Motorola trademark standing for Private Line, or referred to as Channel Guard, a GE trademark. CTCSS is the generic term. It's a subaudible (low frequency) tone that you can transmit (encode) to access repeaters that use CTCSS access control (decode). Many repeaters also transmit CTCSS, so having decode on your rig means it'll unsquelch only when the repeater is active, and not when the howling pager crud comes to visit. So having both CTCSS encode and decode is valuable, but if you can only have one, encode is the more valuable one. Use of CTCSS is becoming common on 2 meters, and has been common on 70cm for years. If you are going to access CTCSS squelched repeaters, you need it.

>Front end interference rejection

What most Japanese HTs don't have. This is important. Without good front end rejection, pager crud and howling intermod will be a problem in most urban areas. Wideband front ends are undesirable for this reason because they need tracking filters (preselector), and few radios have them. It's easier to get good front end filtering in a ham bands only radio, like the Radio Shack HTX202. Besides preselection, the other factors leading to interference rejection are a high standing current in the first RF amplifier and a high intercept for the first mixer. Since both of these require more power, they generally won't be found in HTs (due to battery life constraints), but may be found in some mobile and base radios.

>SSB (I assume means "single side band") as apposed to what?

The most popular modulation on 2 meters is FM (usually used in conjunction with repeaters, though simplex use exists too), the second most popular is AFSK over FM (packet), the third most popular is SSB (weak signal voice, satellites, etc), and the fourth most popular is CW (again weak signal use). Now *all-mode* radios will

have all of these modes, but most radios on the market will only have FM (which will also handle AFSK over FM of course). In particular, HTs will only have FM.

>SWR (I assume means "standing wave ratio") what does this tell me about >antennas?

Not as much as you might think! A low SWR means that the impedance of the antenna is matched to the characteristic impedance of the transmission line. This is usually a good thing (though there are cases where it isn't, IE transmission line transformers), but it doesn't necessarily say much about the signal you'll radiate. More important are the pattern and efficiency of the antenna, and the foldback limit of the radio.

Most radios will happily pump full power into a line with a SWR as high as 2:1, and what isn't lost to line losses will *all* radiate sooner or later. Since a non-unity SWR means that some of the energy will traverse the transmission line more than once, line losses will be lowest with low loss cable, which is also true in general of course. What this really means is that if you use high loss cable (eg RG-58) you'll be more concerned about a good SWR match than if you use low loss cable (such as hardline). But, because line loss is high, your SWR meter will read a lower SWR than actually exists when you use poor cable, a Catch 22. For example, a long run of RG-58 that's open at the far end can have a very low SWR reading at the transmitter end, but be transfering *zero* power to a load (makes a pretty good dummy load at UHF though).

More important are pattern, gain, and most important of all, height. At VHF, with its line of sight limitations, the higher the antenna the further away will be the radio horizon, and the greater will be your effective range. There's a practical limit, where feedline loss becomes greater than height gain, but the higher the better is the rule of thumb.

You *can* infer some things about antenna efficiency from SWR curves. An antenna with a very broad very flat SWR curve will generally be lower in efficiency than an antenna with a narrow sharp SWR curve. That's because loss loading flattens the loaded Q of inefficient antennas. With certain types of simple antennas, you can also infer some things about the antenna resonant frequency from SWR measurements, with some antenna types showing the lowest SWR at resonance. By using the Smith Chart, you can infer quite a bit about the antenna, but the most important factors require a field strength meter and actual antenna range measurements of the pattern and gain of the antenna.

In general, amateurs measure SWR because instruments to measure it are widely available, and fairly inexpensive, and the measurements

are easy to do. But don't put too much importance into having a "flat" SWR (example: a dummy load has a perfectly flat SWR, but is a lousy antenna). Knowing what a particular SWR infers is more important than any absolute reading, and other instruments will tell you more about antenna performance than a SWR meter (for example a field strength meter).

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1255. Re: 2 Meter Intermod Buster

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: lp@intele.net
Message-ID: <4eb8ee$3qc@vodka.intele.net>
Source record: 206577

>I think this is worth passing on, I bought a Kenwood tm-733A and
>everytime I went to town, the intermod from paing services made the radio
>squawk....never had the probllem with the IC 3200A but that radio could
>not receive the weather etc. So I bought the PAC Electronics notch filter
>for the Paging frequencies that are advertised in QST, ham trader and CQ
>for $68 and it really cut out the Intermod on two meters and 450 MHZ,
>nice to not have SWwawk Cackle Pop on FM now, give it a go. I'm happy and
>I dont work for them. Give them a call. TM-733A is great radio now, it
>was not very good prior to the filter. 73 Mike W7CFL
>

Did you try turning on the AIP function of the TM-733A? I have also had intermod problems when using a handheld at home on an external antenna, but since I have replaced that setup with the 733, and turned on the AIP, I don't get the intermod that I used to.

73

Golden E. Murray
AB7IK

1256. Re: Yaesu FT-10 & FT-40

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: sparkfel@primenet.com
Message-ID: <4eb0k3$2m6@nnrp1.news.primenet.com>
Source record: 206578

otterson@mindspring.com (Jeff Otterson) wrote:

>Hi,
> I have a FT40 and it is the cat's ass! Fit's in my shirt pocket,
>and looks like it could take a LOT of abuse (not that I have been
>testing that) I've been told that it sounds good on the air. I
>bought the 99 channel version, without the silly DVR. The only thing
>that I thought the DVR would be useful for is to use the radio as a
>simplex repeater, and it won't do that, apparently.

Most Yaesu radios can take a lot of abuse. My FT-11R took a tumble out of a jeep traveling about ten miles an hour, bounced on the pavement and skidded about 30 feet before stopping. Aside from one corner of the Yaesu softcase being scuffed, the radio was fine. My heart on the other hand...

One of the reasons I bought the radio was because a Yeasu Rep demo'ed this radio at HRO to me, by removing the battery pack and tossing the radio onto the floor about 10 feet away.

As for DVR on the FT40, it appears quite useful despite its limitations.

> Btw, David, how is the rubber case you are describing? is it the
>RH1 or the CSC-xx case? what does it look like, and how does it
>protect the radio? (Even a mil-spec-tough radio is nice to keep from
>scratches and dings!)

The case is actually a rubber bumper/holster much like the yellow bumper that Fluke DVM's come with. Unfortunately, the Japanese, for some reason, think that Americans don't like color, because you can only get the rubber case here in the US in black. But in Japan, Yaesu markets them in bright colors, like safety orange. Spiffy.

73,

Mark Fellhauer
KC7BXS

>n1kdo
>Jeff Otterson
>-------------
>otterson@mindspring.com
>Maker and user of tools
>PGP key available at http://www.mindspring.com/~otterson/pgp.htm

1257. Deviation Meter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: lepa@cadvision.com
Message-ID: <310909f9.943089@huey.cadvision.com>
Source record: 206579

I am looking to buy (or build) a deviation meter. We are using radios to communicate to some field devices on FM 400MHz. To facilitate easy tunning I would like to know the maxium frequecy deviation that takes places. If you know of such a device (and yes, I do know about spectral analyzers -- too expensive to buy for 10 field guys) I would very much appreciate a post.

Paul Lepa
Pipeline Engineer
lepa@cadvision.com

1258. New User - Needs Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: chuck@aeroastro.com
Message-ID: <chuck.1173056399A@news.connectnet.com>
Source record: 206580
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Hello,

I hope this isn't a waste of your time, but.....

I am thinking of purchasing my first 2-meter radio. In shopping for a unit I don't understand all of the features. Any help would be appreciated on the following terms and how they relate to a low-to-mid range radio.

CTCSS Encoding and Decoding

Front end interference rejection

SSB (I assume means "single side band") as apposed to what?

SWR (I assume means "standing wave ratio") what does this tell me about antennas?

Any info can be posted to this news group or emailed to me at: chuck@aeroastro.com

Thanks in advance.

cpo

1259. Re: New User - Needs Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: iim2tlm@iim.ups.com
Message-ID: <4eb7rt$9oi@brownie.iim.ups.com>
Source record: 206581

In article <chuck.1173056399A@news.connectnet.com>,
chuck@aeroastro.com (Charles P. Ohrbom) wrote:
>
>CTCSS Encoding and Decoding
>
>Front end interference rejection
>
>SSB (I assume means "single side band") as apposed to what?
>
>SWR (I assume means "standing wave ratio") what does this tell me about
>antennas?
>

CTCSS - Continuous Tone Codes Squelch System:
(A.K.A. "PL Tone")
Encoding: This lets your radio key-up repeaters that requires sub-audible
tones for access. Reasons for "PL-ed" repeaters include private repeaters,
and interference reduction in congested areas.

Decoding: Allows your radio's audio output to turn on only if the desired PL
Tone is received. Some radios implement a paging feature using this. Not
nearly as important as encoding.

Front End Interference Rejection:
This determines how well your radio will receive signals in the presence of
strong nearby signals. If you are going to operate in a high signal strengh
environment, or you are in a congested area, having poor interference
rejection can render your radio useless. How important it is depends on your
local conditions and your intended usage. Better rejection costs more money.

SSB:
2 meter radios come in two basic flavors, "FM-only" and "all-mode".
All HT's and most mobile rigs are FM-only.
All-mode rigs include FM as well as SSB and CW modes. These rigs are much
more expensive. The SSB and CW modes allow you to do weak-signal work
(E-Skip, meteor, satellite) that is largly unfeasable with an FM-only rig.
(Yes there are some FM satellites, I know.)

SWR:
Seems that all hams should know this one. It measures how well your antenna
system is matched to your rig. High SWR indicates an inefficient antenna
system, as well as making life stressful for your rig's transmitter amplifier.
Many modern rigs will reduce their output power when a high SWR is detected,
to protect themselves from damage.

Hope this helps...
73 de Tom AB7NV

++
Tom Mosher II Morrow, Inc. iim2tlm@iim.ups.com
My views do not represent those of II Morrow or United Parcel Service.

1260. Re: GE Master II Question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: jheide@napanet.net
Message-ID: <4ebo4d$gpl@taz.napanet.net>
Source record: 206582

There is a power control pot on the PA board. It will be the only adjustment
on this board.
Josh
KD6KML@napanet.net

In article <4d8qrd$n08@nnrp1.news.primenet.com>, mattstr@primenet.com says...
>
>Hi everyone. I have a 440 repeater that is built out of a GE
>Master II, the 40 Watt version. Does anyone know how to turn down
>the power output? There is probably a pot inside to do this, but I
>do not know where it is. Any help would be appreciated. Thanks
>Matt KJ7DX
>
>--
>---

>mattstr __ __ ____ ___ ___
____
>mattstr@primenet.com /__)/__) / / / / /_ /\ / /_ /
> / / \ / / / / /__ / \/ /___
/---

1261. Re: Heathkit SB200 amplifier

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: doughall@parsifal.nando.net
Message-ID: <4e9a36$l96@castle.nando.net>
Source record: 206723

tom.blackwell@ntpcug.org wrote:

>DO> >
>DO> >Does anyone have any experience of the Heathkit SB200 linear amplifier?
>DO> >I have just repaired one with a HV PSU fault, but am having difficulty
>DO> >getting more than 200watts out of it on 28MHz. It will reach 650watts
>DO> >out on 3.5MHz. Is this normal?
>
>DO> John,
>DO> You didn't say what you were driving it with, but if the tuned input
>DO> circuit for 10m is mistuned or defective the input SWR could be
>DO> causing your rig to reduce its output. You may not be getting enough
>DO> drive to the amplifier. My SB200 (with 20 year old tubes) puts out a
>DO> little over 500 watts on 10m.
>DO> 73,
>DO> Doug Hall, KF4KL
>
>The reflected power between the exciter and the amp input should be
>checked. The amp has tuning coils to arrange for minimum reflected
>power back into the amp. Don't get killed drawing an arc trying to tune
>it up hot, though. Follow the instructions carefully.
>
> Regards, TOM BLACKWELL, N5GAR, PO Box 25403, Dallas, Texas 75225

It's kind of hard to follow the instructions carefully. There aren't
any. The SB-200 manual states "The coils in the input networks are
factory aligned and require no further adjustment." Nice to know, but
mine needed adjustment anyway. By the way, the coils to adjust are:
80m-L5, 40m-L4, 20m-L3, 15m-L2, and 10m-L1.

1262. Re: Ham-Equip Digest V96 #24

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: dougrand@i-2000.com
Message-ID: <4e9ade$c08@i-2000.com>
Source record: 206724

QRP%mimi@magic.itg.ti.com (D W Hemphill KC5NG) wrote:

xxIn article <199601211230.HAA17268@nic.iii.net>, jallen@vhfcom.COM
says...
xx>
xx>One Ham's opinion - I won't buy any MFJ equipment due to their
total
xx>lack of quality control in soldering (both automatic and hand) and
xx>assembly. See other postings on this group.
xx>
xx>73, John, K1FWF

xxI must agree on their poor QC and soldering. It's not limited
xxto just soldering, however. I have found that they forget to
xxtighten hardware, all too frequently. Nothing worse than
xxhaving a #6-32 hex nut jammed into the blades of a tuning cap
xxin a 3 KW transmatch! Talk about sparks flying!

xxI still buy MFJ equipment, because once you've looked it over
xxinternally and done their QC for them (!) their stuff usually
xxperforms well and lasts for years. It's just a pain in the
xxneck to have to worry about having something wrong with the
xxitem right out of the box. -YMMV-

xx73 de KC5NG

xxPS: I've spoken to Martin F. Jue (owner and founder) at a
xx hamfest about this problem, and he acknowledged that a
xx problem exists, and that they are trying to get their
xx act together.

I had that exact same thing happen to my 3kw tuner. They forgot to
tighten the nuts on the ends of the cap's. I didn't have it floating
around, but I had open circuits raising hell with my solid state
finals! Now the unit won't tune at all.

Doug, KN2Y

1263. Re: NiCd cells in Yaesu alkaline packs?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: Bill Harwood <harwood@sirius.chinalake.navy.mil>
Message-ID: <DLrLz9.6op@avalon.chinalake.navy.mil>
Source record: 206725

Just a note!

I have been having wonderful luck with the ray-o-vac rechargeable alkeline batteries. They stay charged until you need them, the charger is cheep, they last a long time in service and recover after use like regular alkelines. If you run out of battery when you are out you go get aa couple of packages of new ones and then you have some more reserves. I have between 30 and 60 charges on several sets and they are still going strong. They are also great in walkman devices.

I take my Yaesu 470 with me when I walk about an hour a day five times a week. I get just about a week of use between charges. ni cads required charging every day to make the hour walk.

```
\-----------------------------------------------------/
\ Bill Harwood U play it, I'll dance it /
\ AB6DY or /
\ I'll play it, U dance it /
\-----------------------------------------------/
```

1264. FS: Bendix King UHF 70cm two way!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: eplatt@hooked.net
Message-ID: <310853ad.89019175@news.hooked.net>
Source record: 206726

It's a Bendix King fully keypad programmable 440-512 MHz Radio. 14 channels, PL, DPL, Scan, brand new battery, rapid charger, swivel bracket, programming manual, and speaker mike. This radio can be sent to Bendix King for $280 and have 210 channels and alphanumeric! If interested, please reply to eplatt@hooked.net. $600 /best offer

1265. Re: Ham-Equip Digest V96 #40

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: cbuttsch@slonet.ORG
Message-ID: <Pine.OSF.3.91.960125181724.28127B-100000@biggulp.callamer.com>
Source record: 206727

Regarding the MC 60 Kenwwod microphone, this unit is very VERY sensitive to external RF fields. It is no wonder than you are more sucessful with the hand microphone. Grounding is a good answer but even with the introduction of multiple ferrite beads and bypasses, the amplifier portion continues to produce distortion due to RF. One answer that worked was to be SURE that the metal head is connected to the flex cable of the microphone. In my case it was not! Cliff Buttschardt W6HDO

1266. Re: TS-690S or IC-736 - Help me please!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: Danie Brynard <danie.brynard@pixie.co.za>
Message-ID: <4ea49v$4o@hawk.pix.za>
Source record: 206728

I have had a TS690S for years, works excellent !

Danie Brynard (ZS6AWK)
PO BOX 15133
Centurion
0140
South Africa
Email: danie.brynard@pixie.co.za
Tel/Fax: 2712-6640330

1267. References on Collins 30L-1

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: Danie Brynard <danie.brynard@pixie.co.za>
Message-ID: <4ea4d5$4o@hawk.pix.za>
Source record: 206729

I am looking for any articles, mods or reviews on the Collins 30L-1
HF Linear amplifier. If you know of any references please post them
to me and I will follow up.

73 danie zs6awk

Danie Brynard (ZS6AWK)
PO BOX 15133
Centurion
0140
South Africa
Email: danie.brynard@pixie.co.za
Tel/Fax: 2712-6640330

1268. FS : Radio Shack Pro-62 hand held scanner - MINT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: dconti@carroll.com
Message-ID: <DLrvG1.Cop@news2.new-york.net>
Source record: 206730
Cross-posted to: rec.radio.swap,alt.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner

Radio Shack Pro-62 hand held scanner, MINT in box with manual, etc.
Includes optional soft leather case and AC wall wart adaptor/charger.
Includes shipping to 48 states, COD $5.00 extra. If interested,
please make a reasonable and sincere offer via E-Mail.

1269. Re: IC 706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <4e9pqr$kf2@news.halcyon.com>
Source record: 206731

You might be able to add a Communications specilists tone decoder module, how ever you would be stuck doing the old dip switch or solder jumper trick to set up the decode tones. the 706 was not designed with CTCSS decode in mind.

Gary

1270. FS : Radio Shack Pro-62 hand held scanner

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: dconti@carroll.com
Message-ID: <DLrEK1.C3@news2.new-york.net>
Source record: 206732
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.swap

Radio Shack Pro-62 hand held scanner, MINT in box with manual, etc.,
imcludes optional soft leather case and AC wall wart adaptor/charger.
Includes shipping to 48 states. Please make and sincere offer via
E-mail.

1271. Re: IC-706 Service Manuals are HERE!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <4e9pnk$kf2@news.halcyon.com>
Source record: 206733

Tony,

You will find very few radios will have firmware installed in a eprom. This masked version of a CPU is secure and cheaper. This stops pilfering of someones code for another companies benefit. Industrial spying is quite rampant out in the business world.

Gary

1272. Re: Yaesu FT-10 & FT-40

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: GCLL54A@prodigy.com
Message-ID: <4e9f9h$2b10@usenetp1.news.prodigy.com>
Source record: 206734

The FT-10 and the FT-40 both have SMA connectors, although the
opposite gender of what you are used to. Yaesu makes an adapter called
the CN-2
that converts to standard BNC for use with outside or other antennae. It

does have a shield connection, and is standard 50 ohm output.
By the way, the DVR is very handy for using the radio as a wireless
answering machine. You can leave an outgoing message for someone in
the paging mode with a CW id, and they can record a message for you to
retrieve when you get free. Pretty sharp!

1273. FS : Azden AZ-61 9A hand held 6 meter transceiver , MINT, hardly used

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: dconti@carroll.com
Message-ID: <DLrErF.ED@news2.new-york.net>
Source record: 206735
Cross-posted to: alt.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.swap

Azden AZ-61 A 6 meter hand held transceiver, brand new in box with all accessories, manual, etc. used about 20 minutes! includes shipping to 48 states. $275.00. Reply via E-Mail, please.

1274. WTB Tilt and Turn Totor

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: millerj@dnaco.net
Message-ID: <4e9h6v$534@sisko.dnaco.net>
Source record: 206736

I want to buy a tilt and turn rotor.

Mr. Satellite
RS-10/11/RS-15
N8RTW
Johnny Miller
millerj@dnaco.net
Middletown, Ohio area 442.425(+)B.A.E.R.S Machine
Dayton, Ohio area 145.490(-) = Drake Machine

1275. Re: "Fleaspeak" (understanding flea market speech)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: moodym@eltanin.ksc.nasa.gov
Message-ID: <MOODYM.96Jan26073246@eltanin.ksc.nasa.gov>
Source record: 206737

This was great. I was sitting here and giggling and laughing.
I have personally been on both ends of the conversation.

1276. IMD resistant rigs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: daniel@pandora.lugs.po.my
Message-ID: <4eaffo$tps@lantana.singnet.com.sg>
Source record: 206738

Can anyone recommend a good IMD resistant rig for 2M (and possibly dual bander with 70cm) I noticed that Kenwood rigs are particularly bad. Is this a valid observation? How do other makes compare? Thanks.

73 de 9V1ZV Daniel

Daniel Wee | daniel@pandora.lugs.org.sg
9V1ZV | daniel.wee@f516.n600.z6.fidonet.org

1277. Re: IC-706 Service Manuals are HERE!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <822651728snz@microvst.demon.co.uk>
Source record: 206739

In article <4e9pnk$kf2@news.halcyon.com>
gfiber@halcyon.com "Gary P. Fiber" writes:

> You will find very few radios will have firmware installed in a eprom.
> This masked version of a CPU is secure and cheaper. This stops pilfering
> of someones code for another companies benefit. Industrial spying is quite
> rampant out in the business world.

[Tom, W8JI, made a parallel comment in regard to the IC-706 in particular.]

I only expressed the hope that the firmware was in a socket mounted device
versus an SMD or other soldered package, which would allow owners to
install ICOM provided upgrades at home. The use of either a reprogramable
device or one with its data and code externally readable was not on my
mind at the time.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

1278. Re: Wanted:Alinco DX70 Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: Gary Watts <gwatts@qni.com>
Message-ID: <Pine.SOL.3.91.960126064544.452O-100000@qni.com>
Source record: 206740

Yep,
You Mars section manager should be able to get that information for you
Drop him a line

On 24 Jan 1996, MREISING wrote:

> Does anyone out ther have a list of mods (MARS) etc for the Alinco DX70T
> HF rig? Thanks in advance.
>
>

1279. IC706 and narrow filter in FSK

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: sv1uy@nest.sv1uy.ampr.ORG
Message-ID: <3531.sv1uy@nest.sv1uy.ampr.org>
Source record: 206741

Hello everybody,

Does anybody know if I can use an Icom 706 in FSK with a narrow (i.e. the
500 HZ CW IF filter) without any modifications on the radio???
I want to operate PACTOR, G-TOR etc using a narrow crystal filter.
Also which filter does it pick-up when in FSK mode???
I have not got this radio yet, but I want to find out from existing users
if it can do these things first.
Thanks in advance.

73 from Demetre - SV1UY - IP coordinator of AMPRnet in Greece

```
+-------------------------------------------------------------------------+
| Demetre Ch. Valaris - SV1UY ///// //// //// / //// |
| AMPRnet (packet radio): sv1uy@sv1uy.ampr.org / / //// / //// |
| PBBS (packet radio) : SV1UY@SV1AAW.ATH.GRC.EU / //// / / / |
| Internet/UUCP : sv1uy@athnet.ath.forthnet.gr |
+-------------------------------------------------------------------------+
| Recyclable bits and bytes have been used for the message above. |
+-------------------------------------------------------------------------+
```

1280. FS Icom 24at Dual Band

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: "Richard D. Brown" <rdbrow01@homer.louisville.edu>
Message-ID: <3108C014.7A58@homer.louisville.edu>
Source record: 206742

For Sale : ICOM IC24at Dual Band Handheld, Includes Headset and
speaker mike. Also included the wallcharger and docs.
Asking $375.00
Rick KD4CLQ
E-mail RDBROW01@HOMER.LOUISVILLE.EDU

1281. Motorola Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: dcimp@aol.com
Message-ID: <4eanho$2tq@newsbf02.news.aol.com>
Source record: 206743

From: dcimp@aol.com (DCimp)
Subject: Motorola Manual
Date: 26 Jan 1996 09:13:12 -0500
Organization: America Online, Inc. (1-800-827-6364)
Message-Id: <4eanho$2tq@newsbf02.news.aol.com>

I need a Syntor Manual for 136-150 Split, but any VHF manual will do.....
Not the Syntor X or the Syntor 9000........ Just the Syntor (the first
one) I need iit soon, can anyone help

thanks Dave KB8QHU At DCimp@AOL.Com

1282. suggestions wanted for good straight key

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: tomas@ra.cgd.ucar.edu
Message-ID: <4eav9j$4te@ncar.ucar.edu>
Source record: 206744

I run cw almost exclusively and use a straight key. The one I have is from radio shack and is about 20 years old. It works ok but is cheaply made from light materials --- I suspect that one of higher quality will make sending cw less fatiguing. Any suggestions/ recommendations would be appreciated.

bob
n7nd

1283. Re: Kenwood MC-60 Mic & RF

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: Bill Harwood <harwood@sirius.chinalake.navy.mil>
Message-ID: <DLrJEu.5np@avalon.chinalake.navy.mil>
Source record: 206745

Almost everyone has this problem with MC-60 and MC-85 mics. Try running an external ground wire form the MC-60 base plate to the station ground. Do not use the pre amp. Try some radio shack ferrites between mic and the base. Make sure allthe cables are tight.

These are the things done by those who went before you. I also like to go under the base and bypass the power line with a small ceramic cap to ground.

Good luck,

```
\-----------------------------------------------------/
\ Bill Harwood U play it, I'll dance it /
\ AB6DY or /
\ I'll play it, U dance it /
\-----------------------------------------------/
```

Maybe someday Kenwood will fix this problem. 10,000 amateur operators can't be wrong!!!!!

1284. Larsen Antennas Job Posting

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: stobty@pacifier.com
Message-ID: <4ea07f$9a7@vixen.cso.uiuc.edu>
Source record: 206746
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.broadcasting,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

MARKET MANAGER - ANTENNA PRODUCTS

Larsen Electronics is an internationally recognized supplier of quality antenna products for two-way communications. We are seeking an experienced Market/Product Manager for Amateur and Commercial antennas.

Successful candidates will have in-depth experience in radio related products up to 800 MHz. Direct experience with LMR and Amateur markets is preferred. Bachelor92s degree in Business or Marketing, or extensive related business experience required. Position responsibilities include: Product line management, pricing, sales programs, new products, training, and technical support. This position will also include a competitive compensation, incentive, and benefits plan.

Interested candidates may respond by forwarding a resume92 including income history to:

Larsen Electronics, Inc.
ATT: Human Resources Manager
P.O. Box 1799
Vancouver, WA. 98668-1799
FAX: 1-360-944-7556

Pre-employment drug screen required. Larsen Electronics is an Equal Opportunity Employer.

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-

Pacifier Online Data Service Dialup SLIP/PPP User
To register: (360) 693-0325 or telnet pods.pacifier.com

-

1285. FS: Icom IC-751

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: jgidd@virtual-cafe.com
Message-ID: <4eb3li$3ed@premier1.premier1.net>
Source record: 206747

Icom IC-751 (not the "A" model) with 500 hrz CW filter (the expensive one) installed. Works great and in very nice physical condition. $700. Thanks.

John Giddings
N7HZZ@N7OQN.WA
jgidd@virtual-cafe.com

1286. Re: JRC-245 on RTTY

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: stan@mutadv.com
Message-ID: <4ebcbu$8g4@news-2.csn.net>
Source record: 206748

In article <199601261407.HAA23590@mantis.privatei.com>, ritter@privatei.COM says...

>I have been considering the JRC-245 as a new rig and was
>wondering is any users can confirm that all filters can be used
>in all modes. I know the radio is AFSK only so, for RTTY can
>the narrow CW filters be engaged. Any other comments on this
>rig would be appreciated.

Hi Stu, I have both of the optional 500 Hz filters in my 245. They show up as the selected filters in FSK when "narrow" is selected. Only "narrow" and "wide" are functional in FSK in my rig and I don't recall what filters are selected in "wide". The digital modes are my principle interest and the 245s 500 Hz filters are superb at 170-200 Hz shift FSK. The AGC is so powerful and fast that it is fully up to the task of monitoring both sides of ARQ QSOs with more than 9 S-units of signal strength difference! Using an AFSK Mark tone of 2125, the dial reads true Mark/Carrier frequency. It's a great rig for digital modes.

73. Stan ..
--
Stan Huntting, KF0IA
Postal Address: 4655 Pleasant Ridge Rd.,
Boulder, CO 80301-1731, USA
email: stan@mutadv.com
KaWin Home Page: http://www.mutadv.com/kawin/
KaWin FTP Site: ftp.csn.net in the directory /kawin

1287. Re: "Fleaspeak" (understanding flea market speech)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: mwhite@mitre.org
Message-ID: <mwhite-2601961330180001@m14494-mac.mitre.org>
Source record: 206749

James Garland wrote:

> The boatanchors email exchange has been discussing flea market language,
> and how to interpret it... "fleaspeak:"

Good ones! A few suggested additions:

"It was working when I removed it from service." (Translation: I unplugged it before it could actually set my hamshack on fire.)

"You should be able to find replacement tubes with no trouble at all." (Translation: They stopped making them in 1932.)

"This military gear is built like a tank." (Translation: It fell off the truck on the way here.)

"This is a classic rig." (Translation: I paid way too much for it, and now I want you to bail me out.)

"That's a fair price for this computer." (Translation: That's what I paid for it 6 years ago.)

"Sorry, cash only. No checks." (Translation: It doesn't work.)

"I guarantee it will work fine." (Translation: I'm not in the callbook).

Cheers...

Mike "total hamfest junkie", N4PDY

--
mwhite@mitre.org

My opinions are my own, not my employer's.

1288. What permit do I need for travel

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: Randy Ainslie <randya@mdhost.cse.tek.com>
Message-ID: <4eb3ke$41b@tekadm1.cse.tek.com>
Source record: 206750

I am going to the British Virgin Islands and would like to take my 2 meter rig.
Anybody know what is needed for leaving the US and using my radio else where?
If anyone knows the fastest way to make the paper work fly in order to make
this
work, such as an online method, please reply with directions....

Thanx...
Randy Ainslie KB7QQD
randya@pacifier Home...
randya@mdhost.cse.tek.com Work...

1289. Re: NiCd cells in Yaesu alkaline packs? Watch out for explosion

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: stubstad@ix.netcom.com
Message-ID: <4ea1ns$ls1@reader2.ix.netcom.com>
Source record: 206751

In <4e7m2f$r4l@vista.hevanet.com> "Michael G. Reiney"
<mreiney@hevanet.com> writes:
>
>jdonimi@nv2.uswnvg.com (Jeremy A. Donimirski) wrote:
>>Jim Stubstad (stubstad@ix.netcom.com) wrote:
>>: I have been elmering a new ham with a brand new fancy HT. I told
him
>>: to pick up a AA cell pack as a backup to the stock NiCd pack that
came
>>: on his new HT, because could swap out cheap, readily available AA
>>: nicads which he already has a fast charger for, or use alkalines
for
>>: longest life. This is what I do with my ancient IC-2 radio.
>>
>>: When he got his FBA-14 pack, it had dire warnings about using
>>: rechargeable cells in it. I presume that this is just a liability
>>: thing relating to the well known meltdown property of shorted NiCd
and
>>: other low internal resistance cells, and a way to sell more glued
shut
>><snip>
>>: springs melting through plastic). I'm just looking for an informed
>>: risk assessment, not advice.
>>
>>: Jim
>>
>>Jim,
>The reason for all the safety warnings is that there's a safety
hazard.
>Manufacturers don't put charging contacts on alkaline packs for two
reasons.
<snip>
Michael (and everybody else too),
I never said anything about charging cells in the alkaline cell holder,
just using secondary cells in the FBA-14 with charging out of the pack.
Someone else inserted charging an FBA-14 pack into the thread. I
don't believe that it is possible with the FBA-14 anyway without ill
advised hacking as the only exposed contacts art the ones that bypass
the cells and go straight to the radio. My initial question about
non-obvious short circuit problems with the pack or radio has been
answered fully, and I agree 100% with your comments about improper
charging of both primary and secondary cells. Thanks for the info to
those who answered the original question, and please let's let this
thread die.

Jim

<snip>

1290. SVETLANA: RUSSIAN 572B's *an opinion*

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: gary <design@thereporter.com>
Message-ID: <4e9tah$odr@miwok.nbn.com>
Source record: 206752

A week or so ago, I requested info on the Russian 572B amplifier tubes. Getting no response, I downloaded the spec sheet on these tubes from the Svetlana internet page, www.svetlana.com, and cheched it out. I ended up buying a set of 4 from Antique Electronic Supply, since they were cheaper than R.F. Parts, and received the tubes yesterday. I might mention that ALL the places I called about foreign 572B's STRONGLY recommended AGAINST the Asian made tubes (even though they were selling them!), and equally strongly recommended the Svetlana tubes.
My Clipperton L amp has original, perfect condition finals - output over 1500 watts on the lower bands. I plugged in the new Svetlana 572B's, and found that they had IDENTICAL performance to my existing 572/T160 finals. I have no way of guessing how well the Russian tubes will stand up in the long term, but their physical construction is very adequate, they are physically slightly smaller overall than "domestic" 572's. Antique Electronics charges $2 matching fee for matched sets - *MUCH* less than RF parts, and mine appear to be quite well matched - all 4 tubes show equal color under load. I paid $67 apiece for the tubes, plus $2 each matching fee, and of course as a California resident, avoided state tax since they came from Arizona.
I am totally satisfied.

--
Gary.... *** I AM THE NRA! ***

"ONLY IN AMERICA: Veterans in shacks... a draft dodger in the White House!"

"I love my country... it's my government that disgusts me."

1291. Re: Connector Insertion Loss

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: rst-engr@oro.net
Message-ID: <4ebd93$hpg@hg.oro.net>
Source record: 206753

>If the PL259 is propperly installed, it will have negligible
>loss on VHF.
Excuse me? The PL259/SO239 is a non-constant impedance connector. That is, nobody guarantees that the ratio of center pin diameter to external shell diameter is 50 ohms. By my eyeball, you have roughly 2" (5 cm) or so of noncontrolled impedance in the middle of a 50 ohm line, or about 10 degrees of wavelength at 2 meters. Anybody that says you can piddle around with that kind of mismatch without problems hasn't fought mismatch gremlins on the bench in a while.

> Henry Radio istalls them internally in the output of a
>KW-amplifier at 144 and there are no problems.
Henry Radio does a lot of things that are a tradeoff between best engineering practice and commercial expedience. Not knocking them -- I've used RCA connectors at VHF because it was much cheaper and the loss really didn't make a lot of difference. The art is in knowing when you can get away with it and when you can't. Throwing away a few watts out of a kilowatt to mismatch isn't a big deal. Throwing away a couple of dB is anathema when you are working in the noise of the system.

>BNC is not a good option, unless cable lengths are very short
>(a few feet only)
Where in the hell is THAT written? Look at some of the lower VHF frequency professional test gear and tell me what kind of connector that is on the front panel.

> and you can use RG59 type cable.
In a 50 ohm environment you recommend 70 ohm cable? C'mon.

> A BNC connector with RG213 is mechanically not a good idea.
Neither is carrying ten tons of bricks in a Honda. BNC wasn't intended for use with RG-213 (or RG/8 as it was formerly known). If you are going to use 213, then the N-connector at VHF is the series of choice. BNC was intended for RG-58 and with adapters, RG-214. If you want to use BNC and 213, then I recommend N-BNC between-series adapters.

>The loss in a PL259
>becomes of course prohibitive on any frequency, if corroded.
and since it isn't weather-tight like BNC or N, it will corrode quite nicely in time, thank you.

Jim

Jim Weir VP Engineering | You bet your sweet patootie I speak
RST Engineering | for the company. I OWN the cotton-
Grass Valley CA 95945 | pickin' company.
voice/fax 916/272-1432 | AR Adv. WB6BHI Cessna 182A N73CQ
rst-engr@oro.net | Comm'l Pilot & CFI Airplane/Glider A&P Mechanic

1292. P4AT mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-26 00:00:00 UTC
From: Bryce Holmes <KE6YSD@aol.com>
Message-ID: <4ebjta$rtu@opal.CyberGate.COM>
Source record: 206754

Helloï¿½

Sorry about that last post, I forgot to include a subject. Here it is
again.

I was wondering if anyone knew the mod codes for the IC-P4AT 440 mini
handheld. I've got extended receive right now, but alas, no transmit.

Disclaimer: I'm not trying to do anything illegal, I just want to
transmit in the other band areas when I'm out of country.

Thank youï¿½ (again)
Bryce Holmes
KE6YSD

1293. Yaesu on the web?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: darylc@alliedpress.co.nz
Message-ID: <4e9t5m$ar1@celebrian.otago.ac.nz>
Source record: 206583

Does anyone know whether Yaesu has a web page, if so what is the address?

Cheers,
Daryl.

1294. Re: ham havoc

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: mofo@netcom.com
Message-ID: <mofoDLtDHn.1F9@netcom.com>
Source record: 206584

in article <4eb35p$et0@ophelia.waterloo.net> perv@ophelia.waterloo.net (Ben Stegner) scribbles in crayon:
>Amateur radio operators (hams) are creating worldwide havoc, how
>may you ask ? well these seemingly harmless radios emit
>radiation across the world. The scoundrels that use transmitting
>devices actually transmit radio waves that can cause cancer and
>genetic havoc, remember there has to be a lot of power to send a
>voice signal from Canada to Africa !! at this very moment radio

>contact your local member of parliment or senator and strongly
>suggest that the taxes for licencing be raised greatly, we all
>can use the extra finances for worthy projects, like feeding the
>hungry children of the world.
>

you must be relatively new at flame-baiting. next time, try being a little more subtle, you'll illicit more responses that way.

d
--

mis avios de pescan la cocina

1295. TS430 with PS430 For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: hcatlett@iu.net
Message-ID: <4ebsvf$pv7@cc.iu.net>
Source record: 206585
Cross-posted to: rec.radio.amateur.equipment,fl.forsale

TS 403 and matching PS 430 for sale. Up to 200 watts transmit. Excellent general coverage receiver 100 kHz to 30 Mhz. No mike. Have operating manuals. Sell as package only. $675 and I'll split cost of UPS shipping.

1296. FT-51R Extended RX Range Problem...(?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: assst5+@pitt.edu
Message-ID: <4ec1if$gqc@usenet.srv.cis.pitt.edu>
Source record: 206586

Thanks to all who responded to my queries on FT-51R feedback; I picked one up the other day and I love it!

However, I have a question re:the extended RX range and channel memories.

I like the fact that the extended RX range is not always enabled; I thought that I could possibly avoid some intermod by not enabling the extended RX range when I wasn't utilizing it. Today though, I wanted to see if I could pick up anything on the aviation band, so I did the little start-up procedure described on pg.61 in the manual to put it into extended RX mode. Fine. (and I was able to find an aircraft channel!) anyway...

Later I disabled the extended RX range and found that all of my channel memories and other stored setups (dial xfer, etc) were gone! It was as if it was restored to factory settings.

(1) Has anyone else experienced this prob?
(2) Should I just leave it in extended RX (in other words, are my intermod concerns justified) ?
(3) Or is there a way to preserve the settings?

Thanks for any help!
73,

1297. Kenwood 870????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: hror1@pta6000.pld.com
Message-ID: <4ec1m6$ldc@news1.pld.com>
Source record: 206587

I have a friend that is intrested in the Kenwood 870. Unfortunately it has been difficult for him to gather
alot of first hand information on it as there aren't that many out yet. He primary intrest is dx-ing. He is
not on the net so I am posting this message. If you have an 870 and would be willing to have him call
you on the telephone and discuss your likes and dislikes of the rig please email me or post any
information and/or your phone number and I will pass it along to him. Thanks in advance.
73,s Kendall Herrick KB0BUG

1298. Re: ham havoc

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: tsimpson@iglou.com
Message-ID: <DLtGA1.A40@iglou.com>
Source record: 206588

Grow up
No more havoc than you and your butt pirate buddies cause.

We could tax the tree hugers as well couldn't we? Keep this crap out of this newsgroup.

Ben Stegner (perv@ophelia.waterloo.net) wrote:
: Amateur radio operators (hams) are creating worldwide havoc, how
: may you ask ? well these seemingly harmless radios emit
: radiation across the world. The scoundrels that use transmitting
: devices actually transmit radio waves that can cause cancer and
: genetic havoc, remember there has to be a lot of power to send a
: voice signal from Canada to Africa !! at this very moment radio
: waves are being bounced at the ionosphere, hemisphere whereby
: they bounce off this enevelope sourounding the earth and are
: reflected into another part of the world !! radiation galore !
: Not only is radiation harmful to humans, but what about the
: catastrophic mess thats done to our television and radio
: reception. You can be sure that a lot of these scoundrels
: build homemade equipment in the darkness of their basements that
: exceed the rules of society, creating further disaster to the
: environmnt. What can we do ... well perhaps taxing the operators
: to a hefty sum would suffice, you see most of the radio
: transmitters have to be licenced, most are ?
: contact your local member of parliment or senator and strongly
: suggest that the taxes for licencing be raised greatly, we all
: can use the extra finances for worthy projects, like feeding the
: hungry children of the world.

--
Tom Simpson
tsimpson@iglou.com

1299. Re: Kenwood 870????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: Feroz Ghouse <Ghouse_F@mail.uwlax.edu>
Message-ID: <4ec6bu$p1t@alfred.acs.uwlax.edu>
Source record: 206589

Hello:

He can call me. I;ll talk to him about my experiences with the TS-870. I am quite satisfied with it.

tel: 608 784-3207

Feroz 4S7FG/WU9N

1300. WTB:Cheap Keys

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: allenm@rain.org
Message-ID: <4ecaf5$3q9@news.rain.org>
Source record: 206590
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

```
still need more keys for the group
name a price for what you got..
donations are gratefully accepted though....
(anythings better than the old copper strip and nails)
```

1301. Re: IMD resistant rigs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: eugene@loop.com
Message-ID: <4ec8mu$9rd@dobie.loop.com>
Source record: 206591

> daniel@pandora.lugs.po.my (Daniel Wee, 9V1ZV) writes:
> Can anyone recommend a good IMD resistant rig for 2M (and
> possibly dual bander with 70cm) I noticed that Kenwood rigs
> are particularly bad. Is this a valid observation? How do
> other makes compare? Thanks.
>
> 73 de 9V1ZV Daniel
>
>
> Daniel Wee | daniel@pandora.lugs.org.sg
> 9V1ZV | daniel.wee@f516.n600.z6.fidonet.org
>
>
>>>>
Unfortunately most amateur rigs are wide band, Commercial rigs like G.E. and Motorola have helicals in the front end and only
have a usable band width of 2-4 Mhz. It hard to have our cake and eat it too.

De WB6HRO Joe

1302. WTD Cushman 318A plug in preselector manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: "WB6HRO Joe Orrico - eugene"@loop.com
Message-ID: <4ec8ua$9rd@dobie.loop.com>
Source record: 206592

Does anyone have a manual for a Cushman 318A wide band preselector I can have copied? I called Cushman and they wanted
$50.00. I have a manual for the CE-6 and the scope plug in, but am missing the preselector, and now it seems deaf and I need
to fix it.

WB6HRO Joe Orrico

1303. WTB-QRP equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: allenm@rain.org
Message-ID: <4ecb70$3q9@news.rain.org>
Source record: 206593
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.swap

```
Looking for some qrp equipment in any condition
name a price for what you got...
also looking for el cheapo straight keys for the
group to use..donations also gratefully
accepted..tnx 73 Kb6pqg.....allenm@rain.org
```

1304. EQF logging program

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: w5robert@blkbox.COM
Message-ID: <9601262332.aa24752@blkbox.COM>
Source record: 206594

```
New mail reflector for the EQF logging program.

TO JOIN send a message to:

listserv@netcom.com
subject: ...
First line in message:
subscribe dx-l
end
--
73 Robert WB5CRG w5robert@blkbox.com

IF you are on fidonet.org, the listserv will over time boot you off
as these connections have been poor to non-existant at best. PLEASE
do not sign up from fidonet.org address.
```

1305. TSCM Counter Surveillance & Technical Security Page

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: jmatk@tscm.com
Message-ID: <jmatk-2701960230250001@jmatk.tiac.net>
Source record: 206595
Cross-posted to: rec.radio.shortwave,misc.legal.computing,comp.security.unix,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

Just got posted a new article on the REI OSCOR-5000, an excellent piece of
test equipment for the TSCM industry.

Also, check out our updated tool list.

http://www.tscm.com/

http://www.tscm.com/tmde.html <--- TSCM Test Equipment
http://www.tscm.com/tools.html <--- TSCM Hand Tools

Coming Online This weekend, Marty Kaisers little black boxes, Winkleman
NATO equipment, and borescopes from England.

Upcoming Topics to watch for in Feb... Any interest??

Wired Microphones and Pinhole devices... tons of pictures
The Computer Audio/Video Threat... tons of pictures
Join us for a real world TSCM sweep... On a sweep...

Feel free to suggest topics...
==========
James M. Atkinson "...Shaken, not Stirred..."
TSCM.COM
127 Eastern Avenue #291
Gloucester, MA 01931-8008
URL: http://www.tscm.com/ E-Mail: jmatk@tscm.com
==========
The First, The Largest, The Most Popular, and the Most
Complete TSCM Counterintelligence Site on the Internet
==========

1306. Hallicrafters model SR-160... what to do???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: mch@one.net
Message-ID: <mch.4.001D2236@one.net>
Source record: 206596

Hello!

I have come by an old Hallicrafters sr-160. I am a tech no-code, and am thinking about upgrading. I don't know what to do with it. My dad, K3IXI QTH Columbus, Ohio has a BIG problem 'loading' the dipole antenna (which I know for a fact is good)... could be the amp tubes. Should I try to sell it or have someone fix it?? It's all analog in there!! The nostalgic value could be very high for a lucky buyer. Comes with amp-unit, tuning unit and great looking PTT Mike. Will take highest offer, or good reccomendation re: where to get someone to fix the dang thing.

I am in the Cincinnati-Northern KY area. I'd love any responses I can get! personal e-mail preferred.
Thanks... 73

Mike Horvath, KB8YMI
michael.mc.horvath@ae.ge.com
mch@one.net

1307. Re: ham havoc

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: Jack Pitcock <jpitcock@ix.netcom.com>
Message-ID: <3109C646.2979@ix.netcom.com>
Source record: 206597

Ben Stegner wrote:
>
>Sorry, this crap isn't even worth quoting.

Jack Pitcock

1308. UHF GE Mastr II Repeater Mods???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: Richard Hallman <ki3v@connectus.com>
Message-ID: <4ecivi$1pq@tofu.alt.net>
Source record: 206598

Where can I get the mods required to convert a mobile GE Master II UHF to a repeater?????

Thanks!! Rich KI3V/7

****
Richard Hallman ki3v@connectus.com
11870 Heartpine St
Reno Nv 89506 ki3v@w7ta.#nonev.nv
****

1309. Re: Need Clegg FM-27B manual + any Clegg info

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: morris@grian.cps.altadena.ca.us
Message-ID: <1996Jan27.055915.3987@grian.cps.altadena.ca.us>
Source record: 206599
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

rreames@ix.netcom.com(Randy Reames) writes:

>I'm still looking for a schematic or whole manual for an old
>Clegg FM-27B, which was one of the first 'synthesized' 2 meter
>FM transceivers. It was manufactured about 1971-1973.

>Any tibits, remembrances, problems, etc. would also be appreciated
>as I am putting together an article on restoring early solid-state
>ham gear.

>Please email to 'rreames@ix.netcom.com' or 'randy@aztek.com'.

>Thanks
>Randy Reames
>WA0TKO
>3409 E. 118th Way
>Thornton, Co. 80233

I had an FM27B - and discovered it was a repackaged Midland 13-510.
Just like Clegg repackaged the 13-509 220mhz radio.

--

Mike Morris morris@grian.cps.altadena.ca.us
#include <disclaimer.std.h> I have others, but this works the best.
This message assembled from 100% recycled electrons (and pixels).

1310. Re: Yaesu on the web?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: mccormic@infinet.com
Message-ID: <4ec0op$ein@news1.infinet.com>
Source record: 206600

darylc@alliedpress.co.nz (Daryl Clarkson) wrote:
>
>Does anyone know whether Yaesu has a web page, if so what is the
>address?
>
>Cheers,
>Daryl.
>
Daryl,

They are at http://www.yaesu.com/

73,

Bob
KD8IH

1311. Re: Yaesu FT-10 & FT-40

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: crum@xmission.xmission.com
Message-ID: <4ecmce$b6h@xmission.xmission.com>
Source record: 206601

> ... You can leave an outgoing message for someone in
> the paging mode with a CW id, and they can record a message for you to
> retrieve when you get free. Pretty sharp!

Cool! I use DTMF paging here in Salt Lake. That would be a nice extension.
Yaesu marketing should figure out how to better describe features in their
advertisements; their ad (and literature in reply to my request) left me
wondering what the DVR really does. Can it also be used "manually" to
record audio, e.g. as received, and then play it back while transmitting?
That would be a nice way to convey a signal report back to someone,
as some repeater controllers can do.

Has anyone heard when a similar dual-band radio will be out --
a model FT-50R as one would expect? Hope so.

>...I used it at -10F...

Wonder if you used lithium batteries.

1312. Yaesu 757, 757GX, 757GXII

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: sba3020@InfoNET.st-johns.nf.ca
Message-ID: <4ecn2v$s04@coranto.ucs.mun.ca>
Source record: 206602

What is the differecne between the Yaesu 757, 757GX and the
757GXII HF transceivers? I was told not much except the name was
changed every few years it was being made. Is this true?

1313. Re: IC-706 Service Manuals are HERE!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4ecj8q$6uf@newsbf02.news.aol.com>
Source record: 206603

>
>Now this is starting to make some sense. However, I have found the dots
>are chopped with the internal keyer just as bad or worse than external
>keys. The problem maybe one of perception in that what I hear in the
>monitor doesn't match the actual transmitted signal. The monitor's cw
>sounds rather heavy while the acutal signal is rather light and badly in
>need of more weight. Thanks for all your research on this!
>

Actually the dashes are reduced the same amount. And the problem becomes more noticable at higher speeds.

But this problem is certainly one of perception Steve! What sounds like acceptable weight reduction to me may drive you up the wall, and what sounds awful to me may make someone else happy as a cat eating dead rotting rats.

It would help if all keyers had weight adjustments. It would help if designers should carefully add the precise amount on the trailing RF waveform edge as they delay the leading RF edge. In other words, if they delay the start 13 mS to allow circuits time to settle, the trailing edge has to be extended 13 mS.....NO more--and NO less, and no exceptions.

Trust me, a lot of the newer radios and keyers have this problem. Probably because the engineers don't know CW from their........ahhhhh...feet.

Anyway, let's be fair. Let's wait and see what they come up with. The engineering people in Japan may not even understand the problem yet.
;-)

Tom

1314. 6146B vs 6146W Tubes

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: mdonohue@renc.igs.net
Message-ID: <4ed3lo$6qp@nntp.igs.net>
Source record: 206604

Hi:
I have a Kenwood TS-830s which is currently using the 6146B Finals, but have the chance to get some 6146W's, at a cheap price. Has anyone had any chance to use the 6146W, and is their any mods that have to be done before using them or is it just drop them in and Neutralize and go. They are made by General Electric if that helps out any. Any info on this matter would be greatly appreciated. Thanks.

73 De Michael VE3DMJ

1315. RG-217 Coax

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: mdonohue@renc.igs.net
Message-ID: <4ed3tv$6qp@nntp.igs.net>
Source record: 206605

Hi:
Does anyone have any spec's on RG-217 Coax, I have a chance to pick some of this stuff up and can't find the spec's on it any where. Ref the spec's, what are it's losses at HF/VHF/UHF frequencies. Any help in this matter would be greatly appreciated. Thanks.

73 De Michael VE3DMJ

1316. YAESU FT207R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: Jean-Luc.Lorriaux@IEMN.Univ-Lille1.fr
Message-ID: <Jean-Luc.Lorriaux.1.000B1E1B@IEMN.Univ-Lille1.fr>
Source record: 206606

I need manual and/or scheme of FT207R

Thanks

e.mail: Lorriaux@IEMN.Univ-Lille1.fr

1317. FS Radio Shack HTX-202 HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: braymer@sunbelt.NET
Message-ID: <01I0HW8DVGHA90THLR@SUNBELT.NET>
Source record: 206607

For Sale a Radio Shack HTX-202 Two meter HT
The HT is in good working condition,All features
work,Programble.comes with Wall Charger and
speakermike $140.00 FIRM Shipped I have NO MANUAL
with the radio.

From Bobby Raymer AD4HL

Email too braymer@sunbelt.net

1318. FS PacComm Tiny-2 TNC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: braymer@sunbelt.NET
Message-ID: <01I0HWBJ606M8ZI6D3@SUNBELT.NET>
Source record: 206608

For Sale a PacComm Tiny-2 packet radio tnc
with manual and cable,the tnc works fine not use
in long time just lost intress in packet.
$80.00 plus shipping

email too braymer@sunbelt.net

1319. Re: Yaesu 757, 757GX, 757GXII

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: ham@w3eax.umd.edu
Message-ID: <4ed7sq$q04@cville-srv.wam.umd.edu>
Source record: 206609

>What is the differecne between the Yaesu 757, 757GX and the
>757GXII HF transceivers? I was told not much except the name was
>changed every few years it was being made. Is this true?
>

The radio started as the 757GX.

It was a good radio, with an OK receiver and lots of features std.
It had a few drawbacks (if you can call them that):

Only 8 memories
No "Fast" tuning mode, although there was a 500 kHz up/dn button
This could lead to spin, spin, spin...and the encoder could fail
after a while
A change in mode required the use of a switch, so the mode
wasn't saved in the memory info

The 757GXII came out around 1989, and included electronic mode
switching (AM > FM > CW > CW-n > USB > LSB) via a single switch.

The mode was stored in memory.
The number of memories was increased to 10.
A fust tuning mode (with button) was implemented.
The case color was changed to a more dark-gray color.
The display became more gray as opposed to the previous
bluish color.

The receiver was identical, and the radios were very similar.
Hope this helps.
--
Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 40-10/6/2/440
** Yes, you CAN do VHF contests with 25W and omni antennas **
Still stuck at 138 countries confirmed on HF w/dipoles...
72 & 73 from suburban DC 301-549-1022 (h) 301-982-1015 (w)

1320. Re: 6m amplifiers and legalities

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4ecpte$hp7@newsbf02.news.aol.com>
Source record: 206610

Hi,

I file about three to four TA's a year with the FCC, and my most recent conversation with the fellow that does the FCC amateur TA was yesterday. As of yesterday, the rules were the same as last year and the year before, etc. There are NO plans to drop part 97 TA requirements. The only relaxed reviews will be on part 15 devices. Review of part 15 devices may be reduced, but the LAWS will all still apply. So, if you sell and declare complience and flunk with your part 15 device, you are in the soup.

In article <4e5ch8$j5n@cville-srv.wam.umd.edu>, ham@w3eax.umd.edu (Scott Rosenfeld NF3I) writes:

>As I understand it, the problem with 6m amps is that external
>amplifiers for 6m must be type accepted and sold only upon
>proof of license if PROFIT is to be made.

Part 97 rules do not consider "profit".

> In other words, it sounds as if one can sell them at cost at will, but is not allowed
>to make a profit.

If you the regulated devices all day long at a loss, they still must be type accepted.

>This process of getting type acceptance apparently costs roughly $3k,
>making a profit earned from sales of such an item risky at best,
>depending on your markup.

Type acceptance costs only a few hundred dollars in fees.

>On another, parallel note:

>I've ALSO heard that since the FCC really doesn't care about
>the combination of the amateur service and type-acceptance anymore,
>it is generally acceptable to sell such amps as the FCC has turned
>away from the issue.

That's absolutely untrue. The regulations are the same as they have been. If the device is covered, it must be type accepted. If someone at the enforcement branch notices you, you may wind up in some very "hot" water.

>So is Ten-Tec following the rules? Yes. You cannot sell 6m amps
>without going through the $3,000 type acceptance process. At $60
>for the kit, they're probably making $10 profit (really - they say
>that they make very little on the 6m xverters, and as one who has
>built one for $95, I believe them).

Kits are exempted from type acceptance under the condition they are parts only, with no assembly instructions. It is legal to supply a "parts kit" that includes components and a schematic, but if additional assistance is made available it becomes a "amplifier kit". An amplifier kit must be type accepted. This is absolutely true even if you give the kits away at no charge, or pay people to take one!!!

>Taking the laws too seriously? When you're a large company that has
>existing gov't contracts for expensive HF receivers, I don't think so.

The law is the law. Some things slip by, but if someone gets caught.....it can be sticky.

73 Tom

1321. Re: 6m amplifiers and legalities

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4ecpu9$hq3@newsbf02.news.aol.com>
Source record: 206611

Hi,

I file about three to four TA's a year with the FCC, and my most recent conversation with the fellow that does the FCC amateur TA was yesterday. As of yesterday, the rules were the same as last year and the year before, etc. There are NO plans to drop part 97 TA requirements. The only relaxed reviews will be on part 15 devices. Review of part 15 devices may be reduced, but the LAWS will all still apply. So, if you sell and declare complience and flunk with your part 15 device, you are in the soup.

In article <4e5ch8$j5n@cville-srv.wam.umd.edu>, ham@w3eax.umd.edu (Scott Rosenfeld NF3I) writes:

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>amplifiers for 6m must be type accepted and sold only upon
>proof of license if PROFIT is to be made.

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>to make a profit.

If you the regulated devices all day long at a loss, they still must be type accepted.

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>making a profit earned from sales of such an item risky at best,
>depending on your markup.

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>I've ALSO heard that since the FCC really doesn't care about
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>Taking the laws too seriously? When you're a large company that has
>existing gov't contracts for expensive HF receivers, I don't think so.

The law is the law. Some things slip by, but if someone gets caught.....it can be sticky.

73 Tom

1322. ADI 2M RADIOS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: Dollarhide@Thuban.ac.hmc.edu
Message-ID: <Dollarhide-2701960528220001@presume03.rmt.hmc.edu>
Source record: 206612

I HAVE ADI AR- 146 RADIOS NEW 50 WATT EXPANDABLE RX AND TX EMAIL ME FOR INFO
DOLARHIDE@THUBAN.AC.HMC.EDU

--
THE "LIPS"

1323. Re: Euro FM to US FM tuner conversion...Xtal Q

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan27.140635.1795@ke4zv.atl.ga.us>
Source record: 206613

In article <4e1n70$if@newsbf02.news.aol.com> blandp1@aol.com (Blandp1) writes:
>I apologize in advance if this is not the correct groupto ask this
>question of. But here goes:
>I have an NAD 402 tuner that I purchased in London. I have moved back to
>the
>US and am converting it to 120V operation (easy) and 75us preemphasis
>(slightly harder). In the NAD service manual, it lists 3 10.7Mhz xtals
>used
>in the IF section. For Euro use 2 of the three are "Ceramic Filter
>10.7MHz,
>Murata SFE10.7MZ2-A " and one is "Ceramic Filter 10.7MHz SFE10.7ML-A".
>For
>US use the manual specifies that all 3 should be the latter (SFE10.7ML-A)
>type.
>What is the difference in these xtals? Can I leave the Euro standard ones
>in
>or will I be giving up some quality in the FM rreception?
>Thanks for your answers,

The Euro filters are narrower to accomodate the shorter first
adjacent spacing they allow. You may experience slight distortion
on transient peaks when listening to heavily processed US stations
(but who would notice given the heavy processing?). I wouldn't worry
about it.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1324. Re: HF+2M Duplexer Available?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan27.140905.1871@ke4zv.atl.ga.us>
Source record: 206614

In article <4e3gcd$9hv@duck.inetnebr.com> mbrinkho@falcon.inetnebr.com (Matt C. Brinkhoff) writes:
>I'd like to feed both my 10M and 2M antennas with one feedline.
>
>Is there a duplexer on the market that will split HF/2M between 2 rigs?

Yes, the Comet CF-530 will do it.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1325. Any Comments on Alinco DR610 or Kenwood TM-733A dual bands?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: n7voe@aol.com
Message-ID: <4ectb6$l2m@newsbf02.news.aol.com>
Source record: 206615

I am looking at those two radios and would appreciate any comment you might
have on these, especially if you own one of them. They both look to be very good
but nothing beats a first hand report.

Thanks
Dan N7VOE
N7VOE@aol.com

1326. Re: FT-51R Extended RX Range Problem...(?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: rkmorrow@aol.com
Message-ID: <4edd3g$ijq@newsbf02.news.aol.com>
Source record: 206616

>Later I disabled the extended RX range and found that all of my channel
>memories and other stored setups (dial xfer, etc) were gone! It was as
>if it was restored to factory settings.

This also happens if you let the Nicad battery run flat. Apparently
there's no backup battery.

-Bob WB6GTM

1327. FS: Ham Equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: "Steven A. Bailey" <bailey@skipjack.net>
Message-ID: <4edct1$dm9@shore4.intercom.net>
Source record: 206617

I have the following items for sale:

1. Astron 20-A linear power supply. 16 Amps continuous.
13.8 VDC. $75

2. Datong VLF Convertor...converts incoming VLF signals
to frequencies 28 Mhz or higher...For easy tuning on
normal communications receivers. $50

All the above items work perfectly...I believe these are fair
prices, so you pay shipping.

Steve

1328. Re: Connector Insertion Loss

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan27.145238.2103@ke4zv.atl.ga.us>
Source record: 206618

In article <4ebd93$hpg@hg.oro.net> rst-engr@oro.net (Jim Weir) writes:
>
>>If the PL259 is propperly installed, it will have negligible
>>loss on VHF.
>Excuse me? The PL259/SO239 is a non-constant impedance connector.
>That is, nobody guarantees that the ratio of center pin diameter to
>external shell diameter is 50 ohms. By my eyeball, you have roughly
>2" (5 cm) or so of noncontrolled impedance in the middle of a 50 ohm
>line, or about 10 degrees of wavelength at 2 meters. Anybody that
>says you can piddle around with that kind of mismatch without problems
>hasn't fought mismatch gremlins on the bench in a while.
>
>> Henry Radio istalls them internally in the output of a
>>KW-amplifier at 144 and there are no problems.
>Henry Radio does a lot of things that are a tradeoff between best
>engineering practice and commercial expedience. Not knocking them --
>I've used RCA connectors at VHF because it was much cheaper and the
>loss really didn't make a lot of difference. The art is in knowing
>when you can get away with it and when you can't. Throwing away a few
>watts out of a kilowatt to mismatch isn't a big deal. Throwing away a
>couple of dB is anathema when you are working in the noise of the
>system.

Actually, many radio manufacturers and antenna manufacturers use
PL259/SO239 connectors on their equipment. The trick is to take
the transmission line segment behavior into account in the unit's
output or input network design, IE this short transmission line
transformer becomes part of the input or output impedance matching
network. The only place you can run into trouble is if you use UHF
connectors with inline splices. Then there will be a discontinuity,
and no network in which to absorb it.

>>BNC is not a good option, unless cable lengths are very short
>>(a few feet only)
>Where in the hell is THAT written? Look at some of the lower VHF
>frequency professional test gear and tell me what kind of connector
>that is on the front panel.

Right. There's no electrical difference between N, BNC, or TNC.
The only differences are mechanical.

>> and you can use RG59 type cable.
>In a 50 ohm environment you recommend 70 ohm cable? C'mon.

Don't jump so quick here. There *are* BNC connectors specifically
for 75 ohm cable. We use tons of them in TV broadcast plants. We're

especially sensitive to impedance discontinuities in broadcast
because reflections cause ghosts in the picture. So we use 75 ohm
BNC connectors on 75 ohm cable.

>> A BNC connector with RG213 is mechanically not a good idea.
>Neither is carrying ten tons of bricks in a Honda. BNC wasn't
>intended for use with RG-213 (or RG/8 as it was formerly known). If
>you are going to use 213, then the N-connector at VHF is the series of
>choice. BNC was intended for RG-58 and with adapters, RG-214. If you
>want to use BNC and 213, then I recommend N-BNC between-series
>adapters.

Actually, a BNC connector is rated for the same power handling as
a type N connector. The center pin is the same diameter, and the
fingers that make shield electrical contact are the same diameter.
The only difference is the mechanical coupling, and the larger
thermal mass of the N fitting. Correct BNC connectors are made
for RG-213 type cable, and are far superior to using adaptors.

The bayonet coupling is less strong than the screw coupling,
but either is typically stronger than the cable. I've demonstrated
this by swinging my full weight from either style. An Amphenol
style connector of either type will fail by braid separation
before the mechanical joining will part. A proper Kings crimp
connector will not fail by braid separation, but the smaller
cables will stretch to uselessness under my weight.

Typically when one of our remote truck drivers pulls off from
a site without disconnecting cabling, the connectors will
still be attached to the feedthru bulkhead when he arrives
back at base. The cable will have parted instead.

>>The loss in a PL259
>>becomes of course prohibitive on any frequency, if corroded.
>and since it isn't weather-tight like BNC or N, it will corrode quite
>nicely in time, thank you.

Neither are BNC or N connectors weatherproof. Any of them used
outdoors require additional weatherproofing steps to allow them
to survive. The PL259 actually has a slight edge here because
the larger surface area of the inner means it can tolerate more
corrosion before the connection is seriously degraded.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1329. Re: Grounding problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan27.152935.2301@ke4zv.atl.ga.us>
Source record: 206619

In article <31067820.10078668@news.agt.net> smason@agt.net (Steve Mason) writes:
>On 24 Jan 1996 08:32:26 GMT, stubstad@ix.netcom.com(Jim Stubstad) wrote:
>>For RF, you are too far from ground for a useful RF ground, and would
>>have to resort to tricks like MFJ artificial
>
>How far is too far for typical HF work? 1/4 wavelength?

A 1/4-wave is worthless as an RF Earth ground feeder. Such stubs are routinely used for RF *isolation* from mounting structures.

>I've seen this mentioned here a few times., but I've wondered what the max
>distance is. My options are, a wire through the floor to the basement to a
>water pipe. > 20 feet.
>Or a wire out the window to a ground rod, around 8-10 feet.

The latter is about 1/4-wave at 10 meters, thus worthless, and the former is even more hopeless. An effective RF earth ground feeder longer than 0.1 wavelength is too long. Even that's pushing it, 0.01 wavelength is a better upper limit. For lengthy earth connection ground feeders to be effective for RF, they have to be made resonant multiples of a halfwave. That offers a low impedance path. Use of multiples of 1/4-wave will result in a high impedance path. Use of lengths in between will present some intermediate value of reactance.

Fortunately, there is almost never a reason to have a low impedance RF Earth connection directly to station equipment, so this is all rather moot. For *unbalanced* antennas, an Earth connection is required *at the antenna feedpoint*, or some electrical equivalent counterpoise can be used. For balanced antennas, no RF connection to Earth is required at all.

An Earth connection is required for electrical safety, but that's for DC and 60 Hz AC, so any reasonable length is fine. Protective grounding for lightning protection is another topic. Lightning must be offered a low impedance path to Earth, but you generally *don't* want your station equipment to be part of that path. That's why you want to *isolate* your equipment from that path by using ground window technique. You provide lightning with a low impedance path from where it strikes to where it goes to Earth somewhere *outside* your ground window (or at your ground window if it is close enough to Earth). The latter is a really good idea, swinging overhead feeders into your station can be an invitation to disaster. Bring them down to Earth where they can be suppressed before allowing them to enter your station.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1330. Re: Grounding problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan27.153959.2387@ke4zv.atl.ga.us>
Source record: 206620

In article <4e65em$8oq@newsbf02.news.aol.com> mreising@aol.com (MREISING) writes:
>Use of large (>1" wide) flat braid out the window to a ground rod may help
>in your situation. The braid will have less inductance.

Braid is bad. It will have *more* inductance and more skin resistance
than smooth flat strap. Braid should be used only when the conductor
must flex, otherwise use solid smooth flat strap (roofing flashing
copper is good). And, obviously, no sharp bends should be allowed in
the conductor.

The reasons should be obvious. Since braid is woven, it offers more
inductance than a straight conductor. And because of skin effect,
the currents will be forced to jump from strand to strand across
the loose mechanical weave as each braid strand dives in turn into
the weave while skin effect is forcing the currents to stay on the
outside of the braid.

That, incidentally, is why flexible coax has more loss than hardline.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1331. Re: Wanted: Info on 10 GHz equip:

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: dmartyr@delphi.com
Message-ID: <59FIQ3M.dmartyr@delphi.com>
Source record: 206621

You people on this network obviously know what you'e
doing - so HELP!
I'm running a research projec in rainforest in Indonesia
and we're using 14.4khz (or something) hand held radios
but they have a pretty short range ad we need a base
station (well, two actually) capable of reaching
70 plus miles and coping with some BIG mountains between
base camp (forest) and base (town)
f somebody out there could advise of what might
work - and not break out bank balance - ideally,
any system would be on a two metre band so we can
talk to the national park in emergency.
Any suggestions gratefully received!
Debbie Martyr

1332. Re: Connector Insertion Loss

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4ed3kl$15e@newsbf02.news.aol.com>
Source record: 206622

Hi Jim,
In article <4ebd93$hpg@hg.oro.net>, rst-engr@oro.net (Jim Weir) writes:

>Excuse me? The PL259/SO239 is a non-constant impedance connector.
>That is, nobody guarantees that the ratio of center pin diameter to
>external shell diameter is 50 ohms. By my eyeball, you have roughly
>2" (5 cm) or so of noncontrolled impedance in the middle of a 50 ohm
>line, or about 10 degrees of wavelength at 2 meters. Anybody that
>says you can piddle around with that kind of mismatch without problems
>hasn't fought mismatch gremlins on the bench in a while.

The samples I tested last year measured in the mid twenty to upper 30 ohm range, and the bump is only about 1/2 inch long, not two inches. The impedance problem is in the area of the SO-239 where it slips over the male pin. The 259 is great up to the pin itself, and the 239 is a pretty good also. So the bump is pretty short.

At 144 MHz a 259/239 junction doesn't upset things very much. On an HP-4191A analyzer I measured an average change of SWR from a perfect termination of 1:1 with no connector to less than 1.2 to one with a single 259/239 junction. That was with minimum line length in the connector test. Of course a longer line with some attenuation will dilute the SWR change even more.

The biggest ill effect came from omitting the hood from the SO-239 and not grounding the braid correctly.

A UHF connector system is fine on two meters if the connectors are installed properly and reasonable quality standard parts. Even for flea power. Connectors do not reduce power on a fixed wattage basis, they work by dB loss. At a kilowatt or only one watt the loss is insignificant below a few hundred MHz.

73 Tom

1333. Re: IC-706 Service Manuals are HERE!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan27.160941.2698@ke4zv.atl.ga.us>
Source record: 206623

In article <4ecj8q$6uf@newsbf02.news.aol.com> w8jitom@aol.com (W8JI Tom) writes:
>Trust me, a lot of the newer radios and keyers have this problem. Probably
>because the engineers don't know CW from their........ahhhhh...feet.

This *shouldn't* be a problem, even to non-Morse operators. The timing relationships of Morse are well defined. The basic unit of timing is the dot, all dot intervals must be precisely the same for any given sending speed, and all other timing elements must be exact integer multiples of the basic dot duration. What could be simpler? Perhaps the engineers are confused by the ARRL advocating use of Farnsworth Code instead of Morse Code. Perhaps they think Americans *like* their dots shorter than the WPM timing would require.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1334. Heath HW101 Questions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: TJB94002@UConnVM.UConn.Edu
Message-ID: <1771BA645S86.TJB94002@UConnVM.UConn.Edu>
Source record: 206624

I just paid $200 for an HW101 Heath transceiver. I expect to listen until
I get my ticket then be able to transmit. I have the following questions;
1. Was $200 a good price?
2. Any comments in general about the unit? Anything I need to look out for?
3. I went through the alignments but can't seem to get the VFO dial to center.
Its calibrated but the 500KHZ line is right at the hard stop. Any comments?
4. There is about 2KHZ backlash in the VFO drive. What can I expect? Is there
any information out there about Jackson drives? Who made them? Are there any
comments about reducing or eliminating the backlash?
5. Are there any receiver mods out there?
6. Are there any simple 160m to 80m converters out there?
Thanks.

1335. Manuals: EICO324, Heath GR-81

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: TJB94002@UConnVM.UConn.Edu
Message-ID: <1771BA576S86.TJB94002@UConnVM.UConn.Edu>
Source record: 206625

Does anyone have or know where I can get manuals for EICO324 RF signal generator and a Heathkit 4 band regenerative tube receiver. There are two tags on the receiver; GR-81 and GRA-72. I don't know what they refer to. Thanks.

1336. Marine Deep Cycle battery charging

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: clinton.peebles@saloon.bcbbs.net
Message-ID: <9601270622539954@saloon.bcbbs.net>
Source record: 206626

```
T>Anyone know about keeping a deep cycle battery floating
T>or otherwise maintaining the charge? I just bought a
```

I just put an automatic 10A battery charger on my deep cycle and forgot about it. It's a sealed battery so don't worry about electrolyte levels.

 QMPro 1.53 The future's so bright, I gotta wear shades!

1337. Re: Drake TR-7 VOX Plug

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: alan gray <agray@voicenet.com>
Message-ID: <4edok7$p9i@news.voicenet.com>
Source record: 206627

Stan-

The plug you are looking for is a black phenolic plug with 2 metal pins that fit the female jack on the Drake power supply.

I assume the plugs may still be available from Drake (ask for Bill Frost or his successor in the Drake parts department [Miamesburg, Ohio].

I have several of these plugs but am not anxious to part with them as every once in a while I use them when I work on Drake gear.

I could probably give you a photocopy of the plug if that would help you to know what your looking for. In a pinch, you can take pin off an old octel tube base or Amphenol adapter plug and solder then to the end of your control cable... or even tin the wires well and insert them into the the jack. I've done the later at times with great success.

Good Luck!/ Alan, W3VL

1338. fs: ICOMV21A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: scanware@sincom.com
Message-ID: <4edt1h$ik3@news.cais.com>
Source record: 206628
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

For Sale: ICOM V21A Handheld with extra battery and brick charger.
Mint condition, manual, original box.
$400.

This is a private sale but because I have an unrelated small-business
I can accept Visa, Mastercard, or American Express.
If interested Email today, if REALLY interested...use one of the
numbers listed below.

73...Gene McAvoy / KG7XD

1339. fs: Uniden 100XLT Scanner

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: scanware@sincom.com
Message-ID: <4edt59$ik3@news.cais.com>
Source record: 206629
Cross-posted to: rec.radio.amateur.equipment,re.radio.swap

```
For Sale: Uniden 100XLT Scanner
Mint Condition

This is a private sale but because I have an unrelated small-business
I can accept Visa, Mastercard, or American Express.
If interested Email today, if REALLY interested...use one of the
numbers listed below.

73...Gene McAvoy / KG7XD
```

1340. Re: IC2700 Mods and info

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: jpcross@phoenix.net
Message-ID: <4eduvo$hqi@gryphon.phoenix.net>
Source record: 206630
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <4dtfk9$3ccu@news-s01.ny.us.ibm.net>,
leonz@ibm.net (Leon D. Zetekoff) wrote:
>I just recently purchased an IC2700H and moved my IC2410 into the house.
>First thing I noticed is the VHF receiver in the 2700 is not as good
>(selectively) as the 2410. It seems to be more prone to overload and
>cross-mod. Anyone have any similar problems and solutions for correction?
>Also, I'm looking for any mods for this radio. Can anyone help?
>
>73.

I have had a 2700 for a while now. I think it is a piece of junk for the price paid. I agree with the above comments. I sent it in to ICOM when I first hooked it up and they said everything checked out OK. BUT it is extremely sensitive to intermod. I have compared to my IC 3230H and several W2A HTs hooked into the same mobile antenna system. The 2700 just does not cut the mustard.

There is a mod to increase VHF receive range. They did it for me when I sent it in. It has something to do with jumpers. Maybe someone else out there knows about it.

Right now I would rather have another 3230 than the 2700. Unfortunately, I spent the money to get it new, and I would get hosed in a trade.

John
AB5OX

1341. fs: Grundig Satellit 700 SW Receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: scanware@sincom.com
Message-ID: <4edtbj$ik3@news.cais.com>
Source record: 206631
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment

For Sale: Grudig Satellit 700 SW Receiver
Mint Condition. Manual and original box.
Only used on Sundays by an old lady to listen to Radio Moskva! :)
$300.

This is a private sale but because I have an unrelated small-business
I can accept Visa, Mastercard, or American Express.
If interested Email today, if REALLY interested...use one of the
numbers listed below.

73...Gene McAvoy / KG7XD

1342. fs: Grundig Yacht Boy SW Receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: scanware@sincom.com
Message-ID: <4edtfe$ik3@news.cais.com>
Source record: 206632
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

For Sale: Grundig Yacht Boy 400 SW Receiver
Mint Condition.
$175

This is a private sale but because I have an unrelated small-business
I can accept Visa, Mastercard, or American Express.
If interested Email today, if REALLY interested...use one of the
numbers listed below.

73...Gene McAvoy / KG7XD

1343. fs: Uniden BCT350A Scanner

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: scanware@sincom.com
Message-ID: <4edtl6$ik3@news.cais.com>
Source record: 206633
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

For Sale: Uniden BC350A Scanner.
Mint condition. Ideal for a very small mobile mount but also
includes 12vac brick for home use.
$100

This is a private sale but because I have an unrelated small-business
I can accept Visa, Mastercard, or American Express.
If interested Email today, if REALLY interested...use one of the
numbers listed below.

73...Gene McAvoy / KG7XD

1344. fs: ICOM R1 with full 800MHz Coverage

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: scanware@sincom.com
Message-ID: <4edts1$ik3@news.cais.com>
Source record: 206634
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

For Sale: ICOM R1 Handheld Scanner with battery and antenna.
Excellant condition!
This is a serious scanning device meant for experienced users only.
$500. Firm...and its well worth it. If I didn't have two others,
I wouldn't be selling this one.

This is a private sale but because I have an unrelated small-business
I can accept Visa, Mastercard, or American Express.
If interested Email today, if REALLY interested...use one of the
numbers listed below.

73...Gene McAvoy / KG7XD

1345. Wanted Info on Ten-Tec HF Rigs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: "BICC Info. Center" <W236@ohsu.edu>
Message-ID: <4edsut$8r@fremont.ohsu.edu>
Source record: 206635

I am a returning ham who is looking to set up an CW/SSB voice HF station. I posted a message earlier discussing the merits of an IC-706 for a begining ham and got a very mixed review. However, many people thought that the Ten-Tec line was rather good in many ways. There was some comment on the internal construction techniques used by Ten-Tec but overall most statements where favorable. What I need to know from some wise old elmer or just anyone with experince with Ten-Tec gear is what is their best used rig. I know absolutely nothing about the line other than seeing their ad in QST for the Omni-VI. I would prefer general coverage and digital tuning but that's not essential. What I do want to stay with is solid state gear due to my difficultly with obtaining tubes and servicing tube gear. If someone could E-mail me some info or point me to a book or article I would be very pleased. I have difficulty accessing this newsgroup on a regular basis from my network connection therefore, a direct E-mail would reach me much sooner thanks.

Thanks
Brad WB7TSO

E-mail: ashleyb@ohsu.edu

1346. New Professional Security USENET Newsgroups

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: jmatk@tscm.com
Message-ID: <jmatk-2701961456230001@jmatk.tiac.net>
Source record: 206636
Cross-posted to:
comp.security.unix,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

The following USENET newsgroups are in the process of being created, some of them are live now, and the rest will be live in the next week (on 1 Feb 96).

IF, you don't see them on your system ask your sys admin to carry them.

You will find the subject matter VERY enlightening, the groups are for the professionals in the business, and for academic study of the subject matter.

For your newsgroups file:

alt.security.tscm Technical Surveillance Counter Measures
alt.security.mace Discussion of Mace and similar Chemical Munitions
alt.security.pps Providing Protective Services
alt.security.cointel Counter Intelligence
alt.security.terrorism.counter How to Protect against Terrorism
alt.security.terrorism Terrorism - The Bomb, The Bullet, and The Blade
alt.security.espionage Espionage, Intelligence, and Tradecraft
alt.security.sigint SIGnals INTelligence and Signals Analysis

Regards... and watch your six...

-jma

==========
James M. Atkinson "...Shaken, not Stirred..."
TSCM.COM
127 Eastern Avenue #291
Gloucester, MA 01931-8008
URL: http://www.tscm.com/ E-Mail: jmatk@tscm.com
==========

The First, The Largest, The Most Popular, and the Most Complete TSCM Counterintelligence Site on the Internet
==========

1347. Help: Amplifier Question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: "Michael A. Seagroves" <mseagrov@ic.net>
Message-ID: <310A82F3.13C3@ic.net>
Source record: 206637

I have a

TPL Communication
VHF Power Amplifier
90w out 10w in
13.8 vdc
P/N 3-1 DE
Serial # 0225

On the front of the amp is a stereo phone jack labelled power control

Could someone please tell me what this does and how does it work.

Tip- red wire to circuit board
Ring- white wire to circuit board
Sleeve- black wire to circuit ground

Where might I found a manual or a schematic diagram.

Thanks

Mike KB8MMS

1348. Re: 2 Meter Intermod Buster

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: Ed Hare <ehare@arrl.org>
Message-ID: <4eds0f$fif@mgate.arrl.org>
Source record: 206638

LAXX43A@prodigy.com (Mike Saville) wrote:

>I think this is worth passing on, I bought a Kenwood tm-733A and
>everytime I went to town, the intermod from paing services made the >radio squawk....never had the probllem with the IC 3200A but t=
hat radio >could not receive the weather etc. So I bought the PAC Electronics notch >filter for the Paging frequencies that are adve=
rtised in QST, ham trader >and CQ for $68.

Here is the company information:

From the ADDRESS.ADB TIS database (1996 ARRL Handbook disk):

PAR Electronics
6869 Bayshore Drive
Lantana, FL 33462
USA

Phone: 407-586-8278
Fax: 407-582-1234

Products/Services: FILTER-NOTCH FILTER, FILTER-INTERMOD FILTER

Notes: VHF Filters for intermod rejection.

Date of last change: March 7, 1995

The PAR filter is a notch filter. It has low insertion loss, but is
only good to eliminate interference from 152-156 MHz pagers, etc.

73 from ARRL HQ, Ed Hare, KA1CV, ARRL Laboratory Supervisor

1349. fs: Tandy Laptop - excellant for radio uses

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: scanware@sincom.com
Message-ID: <4edvcp$k5b@news.cais.com>
Source record: 206639
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

For Sale: Tandy 3830 Color Laptop
Excellant condition. small enough for a briefcase for
portable packet or surveillance uses.
386-30 processor with math co-processor. 80 Mb HD and 3.5" floppy
Extra battery. 3yrs of 5 yr warranty transferrable to new owner.
Orig. cost $2900. Now $1000.

This is a private sale but because I have an unrelated small-business
I can accept Visa, Mastercard, or American Express.
If interested Email today, if REALLY interested...use one of the
numbers listed below.

73...Gene McAvoy / KG7XD
scanware@sincom.com
Voice: 360.698.1383
Fax: 360.698.8207

1350. fs: Kenwood TH79(AD)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: scanware@sincom.com
Message-ID: <4edvgb$k5b@news.cais.com>
Source record: 206640
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

```
For Sale: Kenwood dual band HT.
Mint condition.
$400.

This is a private sale but because I have an unrelated small-business
I can accept Visa, Mastercard, or American Express.
If interested Email today, if REALLY interested...use one of the
numbers listed below.

73...Gene McAvoy / KG7XD
scanware@sincom.com
Voice: 360.698.1383
Fax: 360.698.8207
```

1351. fs: Azden 6-meter HTs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: scanware@sincom.com
Message-ID: <4edvlj$k5b@news.cais.com>
Source record: 206641
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

For Sale: Azden 6-meter HTs. Excellant condition.
$300. for one or $550. for the pair.

This is a private sale but because I have an unrelated small-business
I can accept Visa, Mastercard, or American Express.
If interested Email today, if REALLY interested...use one of the
numbers listed below.

73...Gene McAvoy / KG7XD
scanware@sincom.com
Voice: 360.698.1383
Fax: 360.698.8207

1352. fs: Baycom Tiny-2 TNC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: scanware@sincom.com
Message-ID: <4edvss$k5b@news.cais.com>
Source record: 206642

For Sale: Miniature TNC by Baycom. The Tiny-2 is smaller than
your hand. Never used. Perfect condition. Ideal for a
briefcase packet setup.
$150.

This is a private sale but because I have an unrelated small-business
I can accept Visa, Mastercard, or American Express.
If interested Email today, if REALLY interested...use one of the
numbers listed below.

73...Gene McAvoy / KG7XD
scanware@sincom.com
Voice: 360.698.1383
Fax: 360.698.8207

1353. fs: Heath HW2 - 2-Meter HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: scanware@sincom.com
Message-ID: <4ee01j$k5b@news.cais.com>
Source record: 206643
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

For Sale: Heath HW2, 2-Meter HT.
Includes Ant, Batt. and brick charger.
Very small purse-sized and easy to use.
$200.

This is a private sale but because I have an unrelated small-business
I can accept Visa, Mastercard, or American Express.
If interested Email today, if REALLY interested...use one of the
numbers listed below.

73...Gene McAvoy / KG7XD
scanware@sincom.com
Voice: 360.698.1383
Fax: 360.698.8207

1354. WTB Azden PCS-3000 mike

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: tom@n1phx.mv.com
Message-ID: <DLuo51.1KK@granite.mv.net>
Source record: 206644

I'm posting this for a friend. He has been fighting a bad connection
in his mike for about 2 years now, so if you have one in your junk
box.... EVERYONE on the local repeater will thank you.
73, Tom/N1PHX

1355. fs: Icom W2A Dual band w/800MHz Receive

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: scanware@sincom.com
Message-ID: <4ee08q$k5b@news.cais.com>
Source record: 206645
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

For Sale: ICOM W2A Dual-band Handheld with extra battery and brick
charger. Also receives full 800 MHz Band.
Excellant condition.
For the serious users only...$400.

This is a private sale but because I have an unrelated small-business
I can accept Visa, Mastercard, or American Express.
If interested Email today, if REALLY interested...use one of the
numbers listed below.

73...Gene McAvoy / KG7XD
scanware@sincom.com
Voice: 360.698.1383
Fax: 360.698.8207

1356. WTB or trade for TNC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: Rick Riddle <rick@coffey.com>
Message-ID: <3109FFDD.2520@coffey.com>
Source record: 206646

```
want TNC: kantronics plus, mfj, aea pk232 or 900
Have: pentium motherboard p75-p180 triton chipset, no processor, new
Conner 850 hard drive, new
BD 28.8 bd modem internal, new
(2) 4-meg 72 pin simms ram memmory
e-mail rick@coffey.com
```

1357. Re: WTB 2M rig

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: bkotarsk@gfn1.genesee.freenet.org
Message-ID: <4ee6cq$536@gfn1.genesee.freenet.org>
Source record: 206647

Harlan Falkin (harlan.falkin@prostar.com) wrote:
> Looking for a good hand held 2 meter rig. Any ideas?

Try contacting AES They have TRADE-IN's
AES does have a WEB site.... you can access it thru
http://www.yaseu.com start with the DEALERs list.. and it will take
you to AES and from there send a comment with the info you would like to
get

--
ai720@detroit.freenet.org---------- bkotarsk@genesee.freenet.org
sfuxdis@frog.thpl.lib.fl.us----------bkotarsk@freenet.grfn.org
bill.kotarski@cmail.com And Whatever Else You People Call Me
N8JOS--- General Class since 1968 EX-WB8DKR and WN8DKR

1358. UNIDEN MR 8100 (800MHz Unlock Code)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: richard@koyote.com
Message-ID: <11b7cc$e86.2f0@kirk.microsys.net>
Source record: 206648

Do you have the unlock code for the 800MHz coverage......
(IF SO, EMAIL ME)
richard@koyote.com
Richard

1359. need info about russian military radio station

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: reine.johnsson@mailbox.swipnet.se
Message-ID: <4eebgs$bve@mn5.swip.net>
Source record: 206649

I need some info about Russian military radio stations "p-173" AND
"P-105". If there is a schematic diagram to get please let me know as
soon as possible. I have bought 2 "p173" stations but i dont know how to
conect them. I just have the stations and nothing else.
Thanks from Reine Johnsson Gothenburg Sweden SM6MTC
Please answer on email reine.johnsson@mailbox.swipnet.se

1360. PAGERS AND LOW BAND PAGING BASE STATIONS ETC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: chb890@aol.com
Message-ID: <4eebql$sc3@newsbf02.news.aol.com>
Source record: 206650

QUINTRON LOW BAND 350 WATT LATE MODEL BASE STATIONS $ 1500.00 OBO GOOD
COND.
OVER 4,000 USED (TRAD IN) PAGERS ! ALL 4,000 FOR $ .50 EA.
USED TAPE LOGING VOICE RECORDER 20 CHANNEL WITH TIME LOGER. COST 20,000.00
NEW WILL TAKE $ 4,500.00 OBO
GLENAIRE IMTS MOBILE PHONE TERMINAL MODEL 1200. BEST OFFER !
I HAVE 4 40 FT LONG STORAGE BLDGS FULL OF PAGING,2-WAY RADIOS,MOBILE PHONE
EQUIPMENT, MISC.
E-MAIL OR FAX OFFER OR WHAT YOU NEED !

FAX 817-56-9842
E-MAIL CHB@AOL.COM

1361. wtb: jrc nrd535

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: chudes4732@aol.com
Message-ID: <4eef58$25c@newsbf02.news.aol.com>
Source record: 206651

I am interested in buying a JRC NRD-535.

Matthew Hudes
N6YJL

Please respond to:
Chudes4732@aol.com

1362. ould recommend the Santa Ana River Below Barton Flats. The San

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: vanhorjh@acasun.eckerd.edu
Message-ID: <4eeg4b$1kr@acasun.eckerd.edu>
Source record: 206652

IC735,AT150,Ps 50 and Iso loop 10-30 gathering dust in new condo. Would
love to see it the hands of worthy Ham. Jim N4TFJ

1363. Re: Need Clegg FM-27B manual + any Clegg info

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: gkantor@intac.com
Message-ID: <4eerqe$hfm@nile.intac.com>
Source record: 206653
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <1996Jan27.055915.3987@grian.cps.altadena.ca.us>,
Mike Morris <morris@grian.cps.altadena.ca.us> wrote:
>rreames@ix.netcom.com(Randy Reames) writes:
>
>>I'm still looking for a schematic or whole manual for an old
>>Clegg FM-27B, which was one of the first 'synthesized' 2 meter
>>FM transceivers. It was manufactured about 1971-1973.
...
>>Randy Reames
>>WA0TKO
>
>I had an FM27B - and discovered it was a repackaged Midland 13-510.
>Just like Clegg repackaged the 13-509 220mhz radio.
>
>--
>---
>Mike Morris morris@grian.cps.altadena.ca.us
>#include <disclaimer.std.h> I have others, but this works the best.
> This message assembled from 100% recycled electrons (and pixels).

Mike, I DID have an FM-27B and it was nothing like ANY other radio. Certainly NOT the 13-510. The 13-510 was a PLL synthesized radio, much the same technology used in the radios of today, except without the microprocessor.

The FM-27B on the other hand, was of a technology called a "Crystalplexor" which used several crystal oscillators combined with a single vfo to tune the frequency of the radio. That, coupled with poor filtering, is why the FM-27B became known as the 'WAN' or Worked All Neighbors radio. Looking at it's output on a spectrum analyzer made you think you were at the Dayton Hamvention looking at the two meter band with a gain antenna. :)

I wouldn't reccommend putting this radio back in service, unless you live in a very rural area, far from any population center. Otherwise, you will soon find yourself the recipient of numerous interference complaints from people both in and outside of the ham bands. Whatever you do, DO NOT use an amplifier after this radio! It will amplify not only your desired signal, but all the spurious ones as well, dividing it's total RF output among them in proportion to their amplitude and proximity to the center frequency the amplifier is tuned to. I've seen spurs coming out of one of these radios that were LESS than 10 dB down from the disired carrier frequency. With the nominal 25 watt output of the barefoot 27B, that would be at a power level greater than 2.5 watts! More than enough to drive an amplifier with 8 dB of gain to over 15 watts!

The radio does, however, make a nice doorstop, conversation piece, or bargain basement spare receiver. Just be very careful transmitting with it.

73's and G.L.

Gary WA2BAU

1364. WTB icom IC -900 modules

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: pcarlin <pcarlin@wco.com>
Message-ID: <310B081C.5CE2@wco.com>
Source record: 206654

I nwant to locate ic900 modules please email pcarlin@wco.com

1365. Hook DG-5 up to TS-520?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: kb7et@usa.pipeline.com
Message-ID: <4ec2il$6gu@news1.usa.pipeline.com>
Source record: 206655

I'd like to find a Kenwood DK-520 kit for
adapting the TS-520 transceiver to receive
the DG-5 digital display. The TS-520S and
-SE have the appropriate jacks but not the
TS-520.

Anyone ever done it without the kit and could
help me with info?

Thanks and 73 de Jim, KB7ET
kb7et@usa.pipeline.com

1366. Re: A.C.C.,Inc. Where are they?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: tom.blackwell@ntpcug.org
Message-ID: <19960128.n31b@ntpcug.org>
Source record: 206656

KD> From: kd3rn@postoffice.ptd.net (Ray A. Krohn)
KD> Subject: A.C.C.,Inc. Where are they?
KD> Date: 23 Jan 1996 04:00:46 GMT
KD> Message-ID: <4e1mhe$663@ns2.ptd.net>

KD> Does anyone out there know the phone numbers for Advanced Computer
KD> Controls, Inc. I think I read they were bought up by another company.
KD> The phone numbers I have are now disconnected and we need some help
KD> with our RC85 controller.
KD> Please reply to kd3rn@postoffice.ptd.net
KD> TNX

The remaining items were reportedly purchased by Link Communications.
Try them at 1-800-610-4085. Ed Ingber is still on the Internet
answering questions from users.

Regards, TOM BLACKWELL, N5GAR, PO Box 25403, Dallas, Texas 75225
tom.blackwell@ntpcug.org SGL-North Texas
The NTPCUG's TI PRO BBS lives at (214) 361-5275

• SLMR 2.1a • From high atop Mount Nosebleed

1367. Re: Bendix/King hand-unit programming

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: eplatt@hooked.net
Message-ID: <3109d155.186738501@news.hooked.net>
Source record: 206657

If some one can guarantee me that telling how to program them WITHOUT
the plug is legal, I will do so. It is. No plug is needed, and you can
program EVERYTHING.

dandrox@montana.com (Dave and Rox) wrote:

>In article <4d1ccl$3gj@news.citynet.net>, wm8s@citynet.net says:
>>
>>Just ordered two used Bendix/King 210 channel hand units (EPH's??) to add to
>>the 40-some the City already owns. In an understandable move of
>>self-preservation, the local shop still won't sell me a programming cable.
>>
>>Since we're a disaster communications team, chances are great (read that
>>"100%") that we'll have to do extensive reprogramming in the field on a
>>mission-specific basis. Anybody know where I can get the required programming
>>cable? Will King sell me one? We have the software, but only one cable, and
>>it doesn't actually belong to the team. I know the radios are "sort of" field
>>programmable manually, but we usually don't have that much time to spare. I'm
>>spoiled with the TK630/730/830 rigs and their great software.
>>--
>>Rob Bailey, WM8S (wm8s@citynet.net) Kanawha / Charleston
>>Bailey Computer Systems Radio Amateur Civil Emergency Service
>>
>>
>
>Programing cables are a readly available part. If you communications
>wont sell them, or is *charging* you to program these radios, they
>are ripping you off. (our local shops wont charge if you buy equipment
>there)
>
>If you want a cable, contact STINE ELECTRONICS (406) 677-2148. Talk to
>Bob Stine. He is very reasonable.
>

1368. Re: IC706 and narrow filter in FSK

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: colin.oneill@ukonline.co.uk
Message-ID: <4edn2j$c5m@morse.ukonline.co.uk>
Source record: 206658

I think and hope so. I have a 706 and have been waiting for the narrow filter
to come for about 6 weeks. From what I understand the filter operates in
FSK & CW.
By the way, the radio works very well in FSK even with the wide filter.
Regard de Colin G0CGD @ GB7OAR

1369. Syntor Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: dcimp@aol.com
Message-ID: <4edv8r$h8n@newsbf02.news.aol.com>
Source record: 206659

From: dcimp@aol.com (DCimp)
Subject: Syntor Manual
Date: 27 Jan 1996 14:43:23 -0500
Organization: America Online, Inc. (1-800-827-6364)
Message-Id: <4edv8r$h8n@newsbf02.news.aol.com>

I need a Syntor Manual, not the X, or the X9000 models, just the Plain Old Syntor. I need it for the VHF version, the 136-150 Split if you have it, but any VHF will Do.

DCimp@AOL.COM

1370. Re: ***Ham WEB page For all people to use! Give it a TRY***

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-27 00:00:00 UTC
From: konus@mbox.vol.it
Message-ID: <4eeasu$hpu@everest.vol.it>
Source record: 206660
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.packet,rec.radio.amateur.policy,rec.radio.amateur.space

rong@computer.net (Ron Goldstein) wrote:

>Try our web page:

>www.computer.net/nwara/wb2ixr.html

Please see my home page too.

http://www.geocities.com/Athens/2309/
Greetings from Raffaello Di Martino

PacketAddress: IW7CHV@IW7CHV.IPUG.ITA.EU
E-mailAddress: konus@mbox.vol.it -o- iw7chv@amsat.org
WWW: http://www.geocities.com/Athens/2309/
FidoAddress : 2:335/723 A.C.T.A.I. BBS ++39-80-5538562/5538402/5538405

1371. Re: Marine Deep Cycle battery charging

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan28.223620.9716@ke4zv.atl.ga.us>
Source record: 206505

In article <4e5foo$a9r@keelung.transend.com.tw> "Joe F. BV/N0IAT"
<joentam@transend.com.tw> writes:
>Two ham pals down in DU3-land claim that a dead cells in the
>batteries can be restored by draining all the acid out, rinsing
>with plain tap water, then dumping in some good old Coca-Cola
>and let it sit 3 or 4 days. Then tip the battery back over,
>reflush with H2O, refill with HCL and presto...battery comes back
>to life. This is especially true, I'm told, when Salt Water makes
>its way into a battery cell...
>
>This is what I heard at any rate, and from 2 very reputable hams
>no-less. Comments or confirmations????

Well for sure you don't want to refill the battery with HCL.
When you go to charge it, it will liberate chlorine gas. The
proper acid is H2SO4. The phosphoric acid in Coke might remove
a surface sulfide coat on the cell plates that was making the
battery high impedance, but I'd be worried about all the sugar.
When you refilled with H2SO4 you'd get a violent exothermic
reaction.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1372. Sound baord as a AF signal generator?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: Bob Smith <rsmith@internetmci.com>
Message-ID: <310C0FC3.2235@internetmci.com>
Source record: 206506
Cross-posted to: rec.radio.amateur.equipment,sci.electronics.equipment

Need a AF signal generator - have the above any one use this as such.
Would like a higher Z output any ideas on stepping up the 16 ohm output?

Thanks in advance
Bob Smith, N3FTU.

1373. IC 737 out of band tuner mod??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: Bob Smith <rsmith@internetmci.com>
Message-ID: <310C0F0F.5D5A@internetmci.com>
Source record: 206507

Got an Icom 737 and am a Mars op (NNN0SZD). We have regular nets on 3.349 and I can see the power output from my internal tuner hit 100% indicating a tune but cuts off. Icom told me it is part of the programming to not tune out of the ham bands.

Anyone know of a hack that may fix this? I really hate having to use an outboard tuner if I don't have to.

Also - I was told that this limitation does not exist with their outboard tuners such as the AT160 etc. Can anyone confirm this? Plus do the later rigs 737A, 738, or 736 allow our of band tuning?

Thanks ever so much.
73

Bob Smith, N3FTU
bsmith@msn.com

1374. Advice-Yeasu FT-8500

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: epapd@ix.netcom.com
Message-ID: <4egg7h$p3h@ixnews4.ix.netcom.com>
Source record: 206508

I'm thinking about buying a Yeasu FT-8500 dual band
mobile. Anyone out there have any strong likes/dislikes/problems
with this radio??
Does anyone know if there is a mod for out of band TX?

Thanks,
Paul KB6FPR
epapd@ix.netcom.com

1375. WTB: Alinco DR-130

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: lstolz@freenet.columbus.oh.us
Message-ID: <4eh874$nde@acme.freenet.columbus.oh.us>
Source record: 206509
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

I'm looking for a near mint condition Alinco DR-130T
Two meter FM transceiver. If you have one please
email me with particulars. Thanks.
Lynn N8AJ --- lstolz@freenet.columbus.oh.us

--
Lynn Stolz N8AJ --lstolz@freenet.columbus.oh.us

1376. Re: Sound baord as a AF signal generator?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: Bob Smith <rsmith@internetmci.com>
Message-ID: <310C3433.2DF5@internetmci.com>
Source record: 206510
Cross-posted to: rec.radio.amateur.equipment,sci.electronics.equipment

Michael Covington wrote:
> Why do you want a higher-impedance output? You can always drive a
> high impedance load from a low-impedance source. The output impedance
> of a signal generator is normally as low as possible.

Excuse my ignorance and thanks for the info Michael.

Now I'm just looking for anyone who uses/recomends this route.

Thanks.

1377. IC 735

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: vanhorjh@acasun.eckerd.edu
Message-ID: <4egm6c$ibi@acasun.eckerd.edu>
Source record: 206511

IC735,AT150,Ps 50 and ISO loop 10-30 are gathering dust in my
condo would be glad to see them in hands of worthy ham. E mail your
interest.
73 jim N4TFJ

1378. Source for "Band Hopper" HF Mobile Ant?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: dmarra@fast.net
Message-ID: <dmarra-2801962314230001@dmarra.fast.net>
Source record: 206512

Hi Everyone-

Does anyone know the source of an HF mobile antenna called the "Band-Hopper"?

It is a modified "screwdriver" design which has a built-in tuning mechanism to raise and lower the antenna based on transmit frequency. (This is what I was told from someone who has seen one.)

I believe that they are made in Montana?

Any information would be greatly appreciated!

Thanks in advance!

DAVE MARRA
N3ODX

1379. Any comment on Alinco DR610 or Kenwood 733a dual band mobile?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: dan.hrehov@prostar.com
Message-ID: <0000121D00000960@prostar.com>
Source record: 206513

I am looking for any comments on either the DR610 or 733a dual band mobiles.
How do you like them? Any problems? Hows the intermod? Would you buy them
again?
Any comment would be appreciated.
Thanks and 73's
Dan nr Seattle
email N7VOE@aol.com

1380. Re: TSCM Counter Surveillance & Technical Security Page

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: mbstone@crl.com
Message-ID: <4ehl14$sep@crl11.crl.com>
Source record: 206514
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,misc.legal.computing,comp.security.unix,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,rec.radio.amateur.policy

James M. Atkinson, Communications Engineer (jmatk@tscm.com) wrote:

: Here is the current list of frequencies used for bugging, technical
: surveillance and similar activities.

: Outband Equipment
: ANY Television broadcast or Cable TV frequency
: ANY FM radio broadcast frequency
: ANY Paging or Beeper frequency
: ANY Cellular Telephone frequency

: Keep in mind that the federal government can use virtually any
: frequency between DC and light.

: Summary (this will catch 99.99% of all Non-Intell/Diplomatic RF bugs)

Gee whiz.

1381. Re: Sound baord as a AF signal generator?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: Paul Mathews <optoeng@whidbey.com>
Message-ID: <310C63DB.52B7@whidbey.com>
Source record: 206515
Cross-posted to: rec.radio.amateur.equipment,sci.electronics.equipment

It may be desirable to actually match impedances for max flatness of freq response, freedom from ringing, etc. If so, NB my earlier response for how to do it. Paul Mathews

1382. FS: ICOM V21

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: Bob Jones <bjones@smartlink.net>
Message-ID: <310C5317.4592@smartlink.net>
Source record: 206516

I have an ICOM V21, 2M/220, handheld radio. It comes with charger, manual, spare battery and a leather case. The radio is excellent condition. I am asking $400 firm. If interested please email me at the address below:

bjones@smartlink.net

BOB, KD6KEZ
Operations Manager, N6ENV Repeater System
Southern California

http://smartlink.net/kd6kez

1383. Re: FT-51R Extended RX Ra

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: darryl.linkow@grinder.com
Message-ID: <8B9B4B3.01A60008A0.uuout@grinder.com>
Source record: 206517

RK>>Later I disabled the extended RX range and found that all of my channel
RK>>memories and other stored setups (dial xfer, etc) were gone! It was as
RK>>if it was restored to factory settings.

RK>This also happens if you let the Nicad battery run flat. Apparently
RK>there's no backup battery.

Wrong! The FT-51R has EEPROM for storing the memories, and does
not require ANY battery power.
73, Darryl KE6IHA

---
* OLX 2.2 * Darryl Linkow (818)346-5278 9 am - 5 pm PST

1384. Re: dsp filters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: Grant Youngman <nq5t@gte.net>
Message-ID: <310C5F4F.4B1D@gte.net>
Source record: 206518

> anyone have any comments on dsp filters?
> how good do they work,will it really help out on heavy qrn say on 80 meters

A lot depends on how much you want to spend on one. My personal opinion
is that the DSP-59+ from Timewave is the very best for flexibility and
performance on CW/RTTY/Digital modes and does a respectable job
on noise reduction. The JPS NIR-12 does an ASTOUNDING job of noise
reduction and digging signals very close to the noise level out to make
them readable. It outshines anything else I've tried in this regard,
but I don't find it as clean and friendly on the non-voice modes as the
DSP-59+.

So, if you're primarily a CW and Keyboard type -- I'd recommend
a DSP-59+ or perhaps a 9+. The 9+ is still good, but a little less
comprehensive on filters.

If you're mainly interested in cleaning up band noise, none of the
LMS or adaptive correlation-based boxes (Timewave, W9GR, MFJ) can touch
the capability of the NIR-12 in noise reduction.

FWIW -- Grant/NQ5T

1385. WTD ICOM IC-900 Modules

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: pcarlin <pcarlin@wco.com>
Message-ID: <310C62FD.39C8@wco.com>
Source record: 206519

WTB any icom ic900 modules please leave message here or to
pcarlin@wco.com 73's paul

1386. Re: JPS ANC-4

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: "Michael K. Davis" <zilch0@primenet.com>
Message-ID: <4efkps$jb4@nnrp1.news.primenet.com>
Source record: 206520

Dave Hockaday <wb4iuy@nando.net> wrote:
: >In article <4cu9e1$rdl@chnews.ch.intel.com>, tom_boza@ccm.ch.intel.com wrote:
: >>Does anyone here on the newgroup have experence with the JPS ANC-4
: >>Antenna Noise Canceller unit? I have a AC power line noise problem
: >>on 40 meters and thinking of purchasing one. However before doing
: >>so, Im looking for pros & cons with the unit.
: >>Thanks, 73 WB7ASR...
: >>tom_boza@ccm.ch.intel.com

: I have one of these beauties, As the others have already said, it is a
: dead ringer for powerline noise, horizontal osc noise from TV's, computer
: noise, etc. I love mine, and it takes the local noises completely out
: (from over S-9 at times!!) and I hear things that I didn't know were
: there. My NIR-10 DSP works better with it, too.

: 73 de Dave Hockaday WB4IUY
: wb4iuy@nando.net

Have you ordered the new software for the NIR-10 (Version 4.0 PROM's)?
Just wondering which NIR-10 you are using with the ANC-4.

Thanks,

--
/---------------------\
Michael K Davis,AB6SL
zilch0@primenet.com
MIME Attachments OK
\---------------------/

1387. FS: Kenwood TS-520S with DG-5

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: jd@acca.nmsu.edu
Message-ID: <4eeo4g$7c2@bubba.NMSU.Edu>
Source record: 206521

Kenwood TS-520S in mint condition, with DG-5 digital display. I am the original owner, and a non-smoker. Manuals for both included. $400 and you pay shipping. I'll ship them in their original boxes.

Jeff
WD8KES

1388. Kenwood TM-702A and/or PRO-2023 info needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: ve2cnd@cam.org
Message-ID: <4ef089$bkk@tandem.CAM.ORG>
Source record: 206522

Hi.

I would like to connect a device directly to the discriminator of the
Kenwood TM-702A and/or Realistic scanner PRO-2023. The device is a
small decoder working with an op-amp, Hamcomm-style...

Any help would be appreciated.

73 de Alex, VE2CND.

+--------------------------------------+---+
Alexandre Bourgeois	http://www.cam.org/~ve2cnd/
Communications Accessibles Montreal	
ve2cnd@cam.org	ftp://ftp.cam.org/users/ve2cnd/
+--------------------------------------+---+

1389. Any Mods for TM-201?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: sfritts@usit.net
Message-ID: <4eeg4l$97k@news.usit.net>
Source record: 206661
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

Just wondered if there are any mods for the Kenwood TM-201 2 meter rig.

Thanks,

Steve

1390. dsp filters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: K1JZP@PCIX.COM
Message-ID: <4eef5c$7af@alpha.pcix.com>
Source record: 206662

anyone have any comments on dsp filters?
how good do they work,will it really help out on heavy qrn say on 80 meters
any recommandations?
tnx k1jzp@pcix.com or here, first time user!!

1391. Help on value & details of BUD RADIO Variable LPF

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: ham@w3eax.umd.edu
Message-ID: <4eefn1$6k5@cville-srv.wam.umd.edu>
Source record: 206663
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

I have two of these things, one in the ORIGINAL box (no joke)!

I plan to keep one, and sell the other. They're in very good shape, and have FIVE trimmer caps internally, a large number of coils, and an SO-239 on each end. They're model LF-601A, about 14" long and 2x2" square. All aluminum construction, made like a tank. Please help!

THe pattern goes:

INPUT SO-239
Var. Impedance cap.
2-3-4 cap. (channels 2-4, I've been told)
4-5-6 cap. (channels 4-6, I've been told)
Var. Impedance cap.
Var. Impedance cap.
Output SO-239

On one of them, there are pieces of tape that someone has written on:

54 MHz 55.25 MHz 67.25 MHz 89 MHz 54 MHz

Were I to have a network analyzer, I could figger out how to tune...
I could really use a 6m LPF...
--
Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 40-10/6/2/440
** Yes, you CAN do VHF contests with 25W and omni antennas **
Still stuck at 138 countries confirmed on HF w/dipoles...
72 & 73 from suburban DC 301-549-1022 (h) 301-982-1015 (w)

1392. Re: IC-706 Service Manuals are HERE!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <DLvAqA.5s4@iglou.com>
Source record: 206664

Listen to the transmitted signal in another receiver first in qsk mode
then in semi bk-in. Hear the vast difference. This is not perception or
preference! There should be NO difference. There is no difference when I
do this test with the Kenwood TS940. There is a difference when done with
the Yeasu FT-1000 and most Yeasu products.

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

1393. Turner Plus III Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: "Franklin M. Hays VE6NU" <102156.3135@compuserve.com>
Message-ID: <4eelqj$b59@dub-news-svc-6.compuserve.com>
Source record: 206665

Looking for Turner Plus III mike.

CB'ers look in your shack, maybee is sitting on your shelf?

Please e-mail me with price to 102156.3135@compuserve.com

Tu es 73 de Frank VE6NU (ex VE6INA)

1394. Turner Plus III Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: "Franklin M. Hays VE6NU" <102156.3135@compuserve.com>
Message-ID: <4eelrc$b59@dub-news-svc-6.compuserve.com>
Source record: 206666

Looking for Turner Plus III mike.

CB'ers look in your shack, maybee is sitting on your shelf?

Please e-mail me with price to 102156.3135@compuserve.com

Tu es 73 de Frank VE6NU (ex VE6INA)

1395. Re: UNIDEN MR 8100 (800MHz Unlock Code)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: Andy Brinkley <brinkley@ols.net>
Message-ID: <4eeo15$rhi@server2.ols.net>
Source record: 206667

richard@koyote.com (Warez House) wrote:
>Do you have the unlock code for the 800MHz coverage......
>(IF SO, EMAIL ME)
>richard@koyote.com
>Richard
>
>
If my memory serves me correctly, the unlock code was either ECPA or ECPA87
- a definite slap at the Electronic Communication Privacy Act.

Hope this has helped

73

Andy N4ROX

1396. standard C508 and 10m allmode fs/trade

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: bartbach <bartbach@tiac.net>
Message-ID: <4eepgu$mdk@sundog.tiac.net>
Source record: 206668

Hi there, name is will. I have a standard micro dual band ht for sale
This is the new 2m/70cm ht with 800(cell restored) recieve and extended
tx mods done. radio is 10 days old in mint cond. I would like $275 or
will trade plus cash or an hr2600 towards a late model dual band ht,
i.e. th78, ft530...or an mt1000(uhf) or better yet an ft40(yeah right).
Anyway, enough musing. email me or call 617-491-2680(voice) till 10:30pm
E.S.T. or 617-351-8684(pager, enter phone #) till midnight.all radios will
be shipped insured. tnx, 73. Will

1397. Re : IDing some old Motorola radios

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: Andy Brinkley <brinkley@ols.net>
Message-ID: <4eeqk0$rhi@server2.ols.net>
Source record: 206669

Todd Little wrote :
>
> Our local village has offered our RACES group some old mobile
> radios that they no longer need. I'm guessing they are on
> either the public works or police frequencies here (around
> 151 MHz). Can anyone help me identify the type of radio
> and its options? The model numbers (which I understand
> also include option information) are:
>
> U33BBA1000A
> U33BBA1900A
> U43CMT1100A
> T43MHT1190B
> T73MHT4190A
> T43RTN1190B

The models are :

U33BBA1000A MO-COM 70 VHF 30 watt carrier squelch
U33BBA1900A MO-COM 70 VHF 30 watt
U43CMT1100A ??? 35-45 watt, carrier squelch
T43MHT1190B MOTRAC VHF 4 frequency 40 watt
T73MHT4190A MOTRAC VHF 4 frequency 110 watt PL
T43RTN1190B MICOR VHF 4 frequency 45 watt PL

A general rule of thumb for Motorola Models Numbers are :

1st digit = Usually a "T" or "U"

2nd digit = Usually Power Level
"0" = 2 watt
"2" = 6 - 10 watt
"3" = 25 watt
"4" = 35 - 45 watt
"5" = 55 - 60 watt
"6" = 90 watt
"7" = 100 - 110 watt
"8" = 110 watt

3rd digit = Band
"1" = 25 to 50 mhz
"2" = 66 to 88 mhz
"3" = 150 to 174 mhz
"4" = 406 to 512 mhz
"5" = 800 mhz

4th to 6th= Model of radio; MO-COM = BBA
MOTRAC = MHT or LHT
MICOR = RTN
etc

Remaining digits indicate number of channels and type of squelch

Hope this has helped.

1398. drawings and schmetic needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: tblan23981@aol.com
Message-ID: <4ef0lg$avd@newsbf02.news.aol.com>
Source record: 206670

I need help on finding a drawing or schmatic for an amplifer I am trying
to build.
The mhz will be around 144-148 and I lookin at something around 500 to
1000 watts. I also am looking for information on any type of kits
available for 6 meter or 2 meter amps with 500 to 1000 watts of
output.....thanks any help would be greatly
appreciated.

1399. Re: Marine Deep Cycle battery charging

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: jdonimi@nv2.uswnvg.com
Message-ID: <4ef2o1$4j1@fred.uswnvg.com>
Source record: 206671

Clark Savage Turner WA3JPG (turner@safety.ICS.UCI.EDU) wrote:
: Anyone know about keeping a deep cycle battery floating
: or otherwise maintaining the charge? I just bought a
: 115 amp-hour battery to run my station in case the
: "big one" hits, or we otherwise lose AC lines. I would
: like pointers to literature, kits or products....if
: anyone has suggestions.

: Thanks.

: Clark
: WA3JPG

: P.S. forgive me if this is a duplicate, something very strange
: happened the last time I tried this :-)

Clark,

Deep cycle batteries are frequently made of lead-antimony while car batteries are (at least the low maintenance ones) made of lead-calcium. The difference is that you need a lower charging voltage to avoid overcharging the battery while floating. It is really tough to find a charger suitable for this use, but I finally did. The Exide Nautilus Gold charger (I bought mine at K Mart) has a switch to allow charging gel cells, which need the same charging voltage as lead antimony, along with lead calcium types.

Now I float my battery without worry about drying it out through overcharge.

de Jeremy WA7YGB

1400. Golden Eagle Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: sba3020@InfoNET.st-johns.nf.ca
Message-ID: <4efbef$1lr@coranto.ucs.mun.ca>
Source record: 206672

Wanted a Service Manual for a Browning Golden Eagle MK III tube type CB Radio. I am also trying to find out all about the Golden eagle radios and clubs, usergroups, etc. E-mail me if you have any info.

Thanks, Carl.

1401. good straight key

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: roland.stiner@hobbs.com
Message-ID: <8B9B042.0027002C48.uuout@hobbs.com>
Source record: 206673

To: tomas@ra.cgd.ucar.edu
Subject: good straight key

T>I run cw almost exclusively and use a straight key. The one I have
>is from radio shack and is about 20 years old. It works ok but is
>cheaply made from light materials --- I suspect that one of higher
>quality will make sending cw less fatiguing. Any suggestions/
>recommendations would be appreciated.

Nye Viking makes a Master Key which is nice and Bencher came out with a
few new models. You might take a look at them too.

OLX 1.53 de, NK2U

--- PCBoard (R) v15.22 (OS/2) 2
* Origin: CyberNet BBS Lyndhurst, NJ (1:2604/151)

.....oooooOOOOOo http://www.intac.com/~cono
__,-----. ---+_________#_ The Roy Hobbs BBS sysop@hobbs.com
|________| |__|__________} Node 1: 201-641-7307
ooooo oo ~ ooO-O-O-O == oo\ Node 2: 201-641-3126

1402. 82 Repeater in Kansas City

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: george@sky.net
Message-ID: <4efpb3$pt2@alpha.sky.net>
Source record: 206674
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc

Well its happened.We the club members of the 82 repeater in Kansas City are dam mad.We didnt get
to vote and we didnt get to talk before the board decided to shut down the repeater between the hours
of 11 pm and 5:30 am.
There is over 600 members and these member are told that they can use the repeater because of one
person that misuses the repeater.This person has made it a living hell for all of us.So the club does this
and thinks that members will just say ok.On top of that the FCC is no help at all.They dont give a dam if
ham radio looks and sound like the cb band.And the old timers just say"Nocodes are the problem"
Well I give up.I dont know what to do anymore.I wonder why I got my ticket.And as I see it the hole
hobby is going down the drain.Im going to just call the ham band the chicken band radio.
And to Rick and all of the people that act like Rick.I hope that you are happy with what you did to the
82 repeat in Kansas City.
To the FCC I think that they should fire the lot and close the door.They are worthless.

Please do not reply back because I just dont give a care anymore.....

For the rest of you out there that love ham radio,I wish you good luck.

73s KB0MAI

1403. Re: FT-51R Extended RX Range Problem...(?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <4efpse$ibv@newsbf02.news.aol.com>
Source record: 206675

I don't think you are going to find any better intermod performance by disabling the extended receive range. I tried that and intermod was just as bad. My suggestion would be to leave it in extended receive all of the time if you want to listen to stuff out of band.

BTW*** If you are looking for something to cut down on intermod with the 51r, I can suggest something that is working great for me. It is a pager notch filter advertised in the QST classified pages..can't remeber the companies name off hand , but if you want more details email me and I can forward their address, etc. I use my 51 mobile with this filter and it was like I got a new radio! Areas in town where I couldn't even use the radio were now quiet with just the occasional "blip"..

73's and good luck,
Mike KS4DA

1404. **WHAT HAS HAPPENED TO THIS GROUP?**

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <4efqaf$if1@newsbf02.news.aol.com>
Source record: 206676

This used to be a pretty clean hardware only area, but since the last time I checked in, the number of forsales and Wanted have grown, to the point that it becomes increaslingly difficult to wade through that stuff when you are trying to fing hardware related topics only. I dont have anything against the "For Saler's", but there is another newsgroup for that.

-Mike KS4DA
"...a voice crying in the wilderness..."

1405. Re: Euro FM to US FM tuner conversion...Xtal

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: radiomatt@aol.com
Message-ID: <4efs1c$iqn@newsbf02.news.aol.com>
Source record: 206677

I believe you can leave in the filters; these are bandpass units, and no change should be needed at all; in fact I wouldn't even fool around with pre/de-emphasis as many US stations have gone from 75uS to 50uS as now permitted by FCC.
Except for input voltage, you shuldn't have to change anything.

1406. Re: IC-751 CW Performance

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: jchol@aol.com
Message-ID: <4efs4u$ir7@newsbf02.news.aol.com>
Source record: 206678

Hello, Doug. I have an Icom 751 and used the FL 32 A? filter for a couple of years before finding the FL 52A. The combination of both filters is really great, and allow the pass band tuning which the FL 32 alone did not. The FL 32 alone was much better than the pass band tuning, a great improvement by itself. Maybe an alignment is needed in your rig. I also have a ts-850 with both if filters. The Icom 751 selectivity is on the same par as the 850, I'm reallynot sure which is better.

Another subject: I traded my Drake twins for an amplifier and still have lot of Drake parts if your friend is still interested. I have most all the tubes as well as three unused finals, an AC-3 supply, a mint speaker, and the T-4X carcass. The fellow who wanted it hasn't made it over from Houston to pick it up and may have lost interest.

73 de John, WA5TWL

1407. subscribe

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: efcox@interpath.COM
Message-ID: <199601281335.IAA06408@mail-hub.interpath.net>
Source record: 206679

```
subscribe ham-equipment
```

1408. Alinco DR-MO6T comments?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: kingbp@ka1fqt.mv.com
Message-ID: <DLw7qC.2LD@mv.mv.com>
Source record: 206680

I am looking for any comments on Alinco's DR-MO6T, 6 meter FM mobile transciever.

Thanks,

Bryan - KA1FQT

1409. Re: dsp filters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: jastorm@ix.netcom.com
Message-ID: <4efalk$sjv@ixnews6.ix.netcom.com>
Source record: 206681

K1JZP@PCIX.COM wrote:

>anyone have any comments on dsp filters?
>how good do they work,will it really help out on heavy qrn say on 80 meters
>any recommandations?
>tnx k1jzp@pcix.com or here, first time user!!

Once you use one, you'll never want to be without. I built the
original one that appeared in September, 1992, QST. Whenever my HF rig
is on, so is the DSP. It makes it soooo much more comfortable to
listen without all the noise and heterodynes. Try it, you'll like
it...

73, Jim WB6LWS

1410. Re: 82 Repeater in Kansas City

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: Eddie Caffray <caffraye@magnum.wpe.com>
Message-ID: <310B8C36.5D9@magnum.wpe.com>
Source record: 206682
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc

george@sky.net wrote:
>
> Well its happened.We the club members of the 82 repeater in Kansas City are dam mad.We didnt get
> to vote and we didnt get to talk before the board decided to shut down the repeater between the hours
> of 11 pm and 5:30 am.
> There is over 600 members and these member are told that they can use the repeater because of one
> person that misuses the repeater.This person has made it a living hell for all of us.So the club does this
> and thinks that members will just say ok.On top of that the FCC is no help at all.They dont give a dam if
> ham radio looks and sound like the cb band.And the old timers just say"Nocodes are the problem"
> Well I give up.I dont know what to do anymore.I wonder why I got my ticket.And as I see it the hole
> hobby is going down the drain.Im going to just call the ham band the chicken band radio.
> And to Rick and all of the people that act like Rick.I hope that you are happy with what you did to the
> 82 repeat in Kansas City.
> To the FCC I think that they should fire the lot and close the door.They are worthless.
>
> Please do not reply back because I just dont give a care anymore.....
>
> For the rest of you out there that love ham radio,I wish you good luck.
>
> 73s KB0MAI

On the 146.85 repeater here in Central NY we had trouble with one user also. He made it that
no one would even monitor the reapeater anymore. The club voted to ban him and we did. The reapeater is a great place to be again.

--

Eddie N2XDS

http://www.wpe.com/users/caffray/ham.html

1411. Re: 2 Meter Intermod Buster

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: denoid95x@aol.com
Message-ID: <4eg6ud$mor@newsbf02.news.aol.com>
Source record: 206683

I myself also have had the problem with the 733, it seems to inherit with all units and most Kenwoods. I have really liked the unit but I will not buy another Kenwood as long as they produce this stuff. I bought the CTCSS unit to cut down on some but obviosly the unit to buy are the notch filters.

N9RLR

1412. Re: HF+2M Duplexer Available?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: jmusto@tiac.net
Message-ID: <3108106a.2947495@news.tiac.net>
Source record: 206684

mbrinkho@falcon.inetnebr.com (Matt C. Brinkhoff) wrote:

>I'd like to feed both my 10M and 2M antennas with one feedline.
>
>Is there a duplexer on the market that will split HF/2M between 2 rigs?

Diamond makes one but I forget the model number. I have one that I
used for 2M & 6M since a 2M 5/8wave antenna can be used as a 1/4wave
on 6M. The duplexer works on HF/2M/70CM.

Good Luck.

1413. Re: 82 Repeater in Kansas City

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <822849775snz@microvst.demon.co.uk>
Source record: 206685
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc

In article <310B8C36.5D9@magnum.wpe.com>
caffraye@magnum.wpe.com "Eddie Caffray" writes:

> On the 146.85 repeater here in Central NY we had trouble with one user
> also. He made it that no one would even monitor the reapeater anymore. The
> club voted to ban him and we did. The reapeater is a great place to be
> again.

That's a weird story. The jerk behaves badly enough to be banned but is
obedient enough to obey your request that he voluntarily not transmit on
the legally licensed (input) frequency. Were there some strong words of
`encouragement' that went with the banning?

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

1414. Rig Control

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: tegennett@hfs.purdue.edu
Message-ID: <NEWTNews.5806.822864248.Postmaster@hfs08>
Source record: 206686

Have written a logging program in Microsoft Access to log HF QSO's.

Got it doing pretty much want I want now with data manipulation. Ready to tackle rig control. Primary interest is in automatically logging frequency and mode with each QSO, rather than typing in each entry.

Rig is KNWD 450. Documentation that came with it provides commands and data exchange codes. Recommends using Basic or other programming language for rig control.

Anyone know if Access Basic, the programming language embedded in Access, can be used for this purpose? And can you recommend a text that can help me write the code? The documentation supplied with Access is pretty light on information about Access Basic commands, etc. Seems to assume the programmer has previous experience in one Basic dialect or another, which I don't.

Any advice will be greatly appreciated.

73 de KF9WX
Tim

1415. Re: dsp filters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: jmb@eden.com
Message-ID: <4egf7r$5q4@boris.eden.com>
Source record: 206687

K1JZP@PCIX.COM wrote:

>anyone have any comments on dsp filters?
>how good do they work,will it really help out on heavy qrn say on 80 meters
>any recommandations?
>tnx k1jzp@pcix.com or here, first time user!!

I would assume they would work well in reducing QRN on 80, although I haven't used one for exactly that purpose.

I have a Timewave DSP-9+, and have found it to be very useful for CW. The random noise reduction is dramatic, as well as the digital "agc" that it can apply. The only thing that is problematic is when I've tried to copy a CW signal within, say, 1.5KHz of a strong packet station. Without narrow filtering in the receiver before the AGC is derived, the strong signal causes the receiver gain to be reduced to the point that the CW signal drops out. And when it drops out (as far as the DSP is concerned) it drops completely out!

On SSB, the results of DSP seem to be less dramatic, although the noise reduction and "auto notch" capabiluty work quite well.

73,
John (KK5MH)

1416. Re: Need Clegg FM-27B manual + any Clegg info

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan28.191234.8013@ke4zv.atl.ga.us>
Source record: 206688
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <4eerqe$hfm@nile.intac.com> gkantor@intac.com (Gary Kantor) writes:
>In article <1996Jan27.055915.3987@grian.cps.altadena.ca.us>,
>Mike Morris <morris@grian.cps.altadena.ca.us> wrote:
>>I had an FM27B - and discovered it was a repackaged Midland 13-510.
>>Just like Clegg repackaged the 13-509 220mhz radio.
>
>Mike, I DID have an FM-27B and it was nothing like ANY other radio. Certainly
>NOT the 13-510. The 13-510 was a PLL synthesized radio, much the same
>technology used in the radios of today, except without the microprocessor.
>
>The FM-27B on the other hand, was of a technology called a "Crystalplexor"
>which used several crystal oscillators combined with a single vfo to tune
>the frequency of the radio. That, coupled with poor filtering, is why the
>FM-27B became known as the 'WAN' or Worked All Neighbors radio. Looking at
>it's output on a spectrum analyzer made you think you were at the Dayton
>Hamvention looking at the two meter band with a gain antenna. :)

I'd like to echo Gary's sentiments. I too had a FM-27B, and what he
says is correct, though technically it didn't have a VFO, rather it
had multiple VXOs. The only dirtier rig I've owned was the Regency HR-2.
And at least it didn't drift, the Clegg did. It was certainly a novel
radio for its time, but not something I'd want to put back on the air
today.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1417. WTB: SP430 speaker

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: sfritts@usit.net
Message-ID: <4eggoc$gvo@news.usit.net>
Source record: 206689
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.swp

Looking for a clean SP 430 speaker for the Kenwood 440.

Thanks,

Steve

1418. Re: Yaesu 757, 757GX, 757GXII

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: John Wilcox/NS1Z <ns1z@agate.net>
Message-ID: <4efqfd$mbv@service-2.agate.net>
Source record: 206690

Another item that prompted the GX II was the large number of GXs that had serious problems with the switching diodes (Also in their top of the line model the designation I can't remember right now). Many of the earlier production had to be sent back to Yahoo for repair and earned it a bad reputation on that model.

--
John Wilcox / NS1Z
INTERNET :204.117.6.48
ns1z@agate.net
Work :5018901@mcimail.com
TCP/IP :44.118.6.4
ns1z@ns1z.ampr.org
AX-25 :ns1z@kb1bsc.fn44rn.me.usa.noam

1419. WANTED: DENTRON CLIPPERTON L MINUS TUBES

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: gary <design@thereporter.com>
Message-ID: <4egi9d$2gc@miwok.nbn.com>
Source record: 206691

I want a Dentron Clipperton amp in need of 572's *ONLY*, to restore it to normal operation. Must be extra clean, no mods, no junk! Will pay up to $150. Contact KJ6Q@WA6HAM (packet), design@thereporter.com, or 707-448-5221. (Vacaville, Ca.)

--
Gary.... *** I AM THE NRA! ***

"ONLY IN AMERICA: Veterans in shacks... a draft dodger in the White House!"

"I love my country... it's my government that disgusts me."

1420. 757GX Sideband Switch Mod? Anybody done it?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: "Michael G. Reiney" <mreiney@hevanet.com>
Message-ID: <4egj2f$5qo@vista.hevanet.com>
Source record: 206692

I have a Yaesu FT757GX on a remote base. The stupid thing uses a hard switch to select sidebands. Can't switch it by remote. And it doesn't auto-switch with band. Has anyone modded the thing to auto-select the proper sideband?

I thought about sticking a PAL reading in the mode switch and band to output proper sideband select. Problem is that the signal levels are 8 volts, GAL20V8 is 5 Volts. I could get the PAL shoehorned in, but no room for level shifters and voltage regulators.

Any ideas?
miker

1421. Info on Italian SWR meter?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: drranu@holly.ACNS.ColoState.EDU
Message-ID: <4egn5i$2rlq@yuma.ACNS.ColoState.EDU>
Source record: 206693

I picked a very nice SWR/Power meter at a swap fest recently.
It works really well, but I did not get a manual it for thus I
have no specs on it. If you happen to know any specs for this
guy, please pass on the information (freq, insertion loss,
max power, etc).

It says on the face "ZG; Zetagi, Italy; mod HP5000; HP series."

Thanks a lot!

--
-Emarit, KG0CQ 73's drranu@holly.ColoState.EDU
Electrical Engineering, Colorado State Univeristy
Packet: KG0CQ@KF0UW.#NECO.USA.NOAM
All generalizations are bad. Censorship: #######
_·_ __· _____ _·_· __·_

1422. Re: PLEASE HELP: Radio Design for Severely Handicapped

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: nlavon@mnsinc.com
Message-ID: <nlavon-2801961655140001@199.164.210.208>
Source record: 206694
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.shortwave

In article <saw-2101962031430001@homer.egr.duke.edu>, saw@acpub.duke.edu
(Seth A. Watkins) wrote:

> We are interested in designing/acquiring/modifying a radio (digital?) for
> use by a severely handicapped individual who was a student before a
> terrible accident. Only breath-control is practical in this situation.
> Control of power and tuning are obviously the essential functions needed.
> We do not want to reinvent the wheel, and are wondering whether anyone has
> already designed such a radio/interface. I'd be pleased to hear from
> anyone on this subject, before we start from scratch. The idea here is
> simply to allow this individual to surf the radio waves, shortwave and
> other, since disability prevents other activity.
>
> Thanks very much for any assistance.
>
> Very truly yours,
>
> Seth Watkins
> Department of Mechanical Engineering and Materials Science
> Duke University
> Durham, North Carolina 27708-0302
> email saw@acpub.duke.edu

I'm just surfing here but I do own a Sony shortwave and am looking for the
FAQ btw, I'm looking to see if a Sony IFC 2010 is worth getting repaired;
the switch doesn't work on the side of the radio where it turns on and
off, not the switch near the top of the digital dial readout portion.

But anyway, my wife is an occupational therapist and suggests the following:

Trace ResourceBook, 1996-97 edition
Waisman Center
University of Madison, Wisconsin

It offers assistive technologies for communication, control and computer
access. The terminlogy to use that you want information for is "sip and
puff" material.

Also try NARIC
National Rehabilitation Information Center
8455 Colesville Road, Suite 935
Silver Spring, MD 20910-3319
Voice/TT
800/ 346-2742
301/ 588-9284

BBS: 301/ 589-3563

RESNA
Rehabilitation Engineers Society of North America
1700 Moore St
Suite 1540
Arlington, VA 22209
703/ 524-6686

That's about it. Good luck!

1423. Icom 706 Hand Mic Conv. Info needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: BSDS13A@prodigy.com
Message-ID: <4egrjb$1gco@usenetw1.news.prodigy.com>
Source record: 206695

I would like any information about changing the cartridge in the HM103 to the Heil HC5 or equiv. Any other suggestions would be appreciated. I am concerned about adding a blocking cap in series with the cartridge and the 8vdc req. Pleas reply to the following

johnf@nebula.ispace.com

Thanks for any info

1424. HELP! RS HTX-202 not CTCSSing!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: ham@w3eax.umd.edu
Message-ID: <4egrjb$jp6@cville-srv.wam.umd.edu>
Source record: 206696

I've got an HTX-202 that, apparently, has NEVER had a functioning CTCSS circuit (never really need before). I have the owner's manual and schematic, but no service manual and I can't positively ID the CTCSS IC...

If it's a bad solder joint or bad trace, that'd be great; if it's a dead IC or component, that'd be OK, too, so long as I could FIND it inside the radio.

Anyone have a service manual or just know what's responsible for generating and decoding the tones? Guide me, please!

--

Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 40-10/6/2/440
** Yes, you CAN do VHF contests with 25W and omni antennas **
Still stuck at 138 countries confirmed on HF w/dipoles...
72 & 73 from suburban DC 301-549-1022 (h) 301-982-1015 (w)

1425. Special Events Station!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: cmlong@mtu.edu
Message-ID: <4egrsu$rmm@techsrv1.tech>
Source record: 206697
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.swap,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.amateur.antenna

Thank-you for reading this. My name is Michael Long (KB8WPE) and I am the Public Relations Manager for the Husky Amateur Radio Club (HARC) whose callsign is W8YY. The club is located on the Michigan Technological University campus.

Starting on February 1, 6am EST, and continuing on until February 3, 6am EST, W8YY will be running a Special Events station for Michigan Tech's Winter Carnival '96. The frequencies listed below are the most likely place we will be operating. For this Special Events station we have 8"x11" certificates that would look great on anyones' wall! All you have to do is contact us and then send a QSL with a self addressed stamped envelope to receive the certificate.

Here are the frequencies:

Band Frequency Mode Time
160m 1.90 MHz LSB 8pm-8am
75m 3.90 MHz LSB 10pm-8am
40m 7.25 MHz LSB 7pm-10pm
20m 14.250 MHz USB majority of the day (8am-7pm)
17m 18.150 MHz USB if open 8am-7pm
15m 21.350 MHz USB if open 8am-7pm
10m 28.40 MHz USB if open 8am-7pm
2m 144.2 MHz USB All the time
146.58 MHz FM All the time
70cm 432.100 MHz USB All the time

Again, thank-you for reading this message and all of us here hope to here from you during the Special Events station!

For any more info. email me at cmlong@mtu.edu or the Club President, Dave Gillahan, at dmgillah@mtu.edu

You can also check out our homepage at
http://techsrv1.tech.mtu.edu:8080/harc.html
Though it is just beginning it does have a little information on it.

Sincerely,
Mike Long -KB8WPE-

--
/\
\ Michael Long || Public Relations Manager /
/ Callsign: KB8WPE || for HARC (W8YY) \
\ Email: cmlong@mtu.edu || Email: harc-l@mtu.edu /

/ Phone: (906)487-5664 || Majors: EET and EMT \
\/

1426. Re: New User - Needs Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: kd1nr@anomaly.ideamation.com
Message-ID: <4egsd5$bgo@anomaly.ideamation.com>
Source record: 206698

In article <chuck.1173056399A@news.connectnet.com>,
Charles P. Ohrbom <chuck@aeroastro.com> wrote:
>Hello,
>
>I hope this isn't a waste of your time, but.....
>
>I am thinking of purchasing my first 2-meter radio. In shopping for a unit
>I don't understand all of the features. Any help would be appreciated on
>the following terms and how they relate to a low-to-mid range radio.
>
>CTCSS Encoding and Decoding

Continuous Tone Coded Squelch System - otherwise known as PL(tm) which was
Motorola's Private Line system. It's a way to limit access to repeaters and
or prevent interference from other stations that is non-intentional.
>
>Front end interference rejection

In other words - how much junk it'll let through. I do wish my FT-5100
was a little better in this department but being that I live between
numerous paging towers that's never going to happen.
>
>SSB (I assume means "single side band") as apposed to what?

Your assumption is correct. SSB is usefull for satellites and as another
method of communicating as opposed to FM (Or Phase Modulation). You'll
generally find this in multi-mode radios. Go for it - don't just get stuck
on 2m FM.
>
>SWR (I assume means "standing wave ratio") what does this tell me about
>antennas?

It tells you how much power is being reflected back to the radio. If you're
running 50W and 25W is coming back down the line to your radio there's a
problem.

Tony

--
== Tony Pelliccio, KD1NR
== As offensive as I wanna be.
== kd1nr@anomaly.ideamation.com

1427. Icom IC-W31A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: .
Message-ID: <4egu7v$ioh@news.ios.com>
Source record: 206699
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.scanner,alt.radio.scanner

Does anyone have MODS for IC-W31A Dual Band HT?

Also how far out of band dose it Rx? Will it Rx 800Mhz

Please Email Infomation
Thank You N2RVM

Email: rod@venus.hili.com

1428. Re: 6m amplifiers and legalities

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan28.210618.8893@ke4zv.atl.ga.us>
Source record: 206700

In article <4e5ch8$j5n@cville-srv.wam.umd.edu> ham@w3eax.umd.edu (Scott Rosenfeld NF3I) writes:
>As I understand it, the problem with 6m amps is that external
>amplifiers for 6m must be type accepted and sold only upon
>proof of license if PROFIT is to be made. In other words, it
>sounds as if one can sell them at cost at will, but is not allowed
>to make a profit.

No. That's not what the rules say. There is no issue of profit or non-profit. Here's the relevant text of 97.315.

97.315 Type acceptance of external RF power amplifiers. - (a) No more than 1 unit of 1 model of an external RF power amplifier capable of operation below 144 MHz may be constructed or modified during any calendar year by an amateur operator for use at a station without a grant of type acceptance. No amplifier capable of operation below 144 MHz may be constructed or modified by a non-amateur operator without a grant of type acceptance from the FCC.

So an individual amateur can make 1 amplifier for his own use, but a manufacturer can't even make 1 without type acceptance. This rule applies to kits too. The way some unscrupulous companies get around this is to sell you the parts and the instructions *separately*. So they aren't technically selling you an amplifier kit. That's how the amplifiers derived from the Motorola application notes are sold.

>So is Ten-Tec following the rules? Yes. You cannot sell 6m amps
>without going through the $3,000 type acceptance process. At $60
>for the kit, they're probably making $10 profit (really - they say
>that they make very little on the 6m xverters, and as one who has
>built one for $95, I believe them).
>
>So in order to make back the $3,000 expended, they'd have to sell
>300 kits just to BREAK EVEN.
>
>Taking the laws too seriously? When you're a large company that has
>existing gov't contracts for expensive HF receivers, I don't think so.

I agree. It's a financial decision. 6 meter amplifiers, and even 10 meter amplifiers, can receive type acceptance, but the criteria are so strict that few manufacturers want to bother.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary

534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1429. Re: IC706 and narrow filter in FSK

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan28.213309.9035@ke4zv.atl.ga.us>
Source record: 206701

In article <3531.sv1uy@nest.sv1uy.ampr.org> sv1uy@bbs.sv1uy.ampr.org writes:
>Hello everybody,
>
>Does anybody know if I can use an Icom 706 in FSK with a narrow (i.e. the
>500 HZ CW IF filter) without any modifications on the radio???

YES!! The 500 Hz filter works fine.

>I want to operate PACTOR, G-TOR etc using a narrow crystal filter.
>Also which filter does it pick-up when in FSK mode???

Unless you install an optional filter, it uses the default SSB filter.
When you install an optional filter, the NAR softkey becomes active
and you can switch it in line. The way the IFs are staggered for the
various modes, the narrow filter's passband will be right where it
is supposed to be for the standard RTTY/PACTOR/AMTOR tones when the
radio is in RTTY mode. When the radio is in CW mode, the filter passband
will be centered on 800 Hz, again just as you'd expect. Great feature.

>I have not got this radio yet, but I want to find out from existing users
>if it can do these things first.

I'm using mine on PACTOR and Clover. The 500 Hz filter is a *big*
help, recomended. You only get to install one optional filter, if
you're using digital modes, the 500 Hz filter is the one you want.
If you were a CW operator, the 250 Hz filter might serve you better,
and if you're exclusively a phone operator, there's an optional
narrow SSB filter you can install. When you install the filter,
you have to go into the setup menu and tell the radio which one
you installed so it can do the right things with it in the various
operating modes. It knows what the passband center is of each of
the optional filters, so it will shift the IF the proper amount
to place that passband center right where you need it for the
mode selected. The IF shift function works with all filters, so
you can fine tune the filter passband center with it if your
needs are unusual.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1430. Re: New User - Needs Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan28.214821.9233@ke4zv.atl.ga.us>
Source record: 206702

In article <4eb7rt$9oi@brownie.iim.ups.com> iim2tlm@iim.ups.com (Tom Mosher) writes:
>Front End Interference Rejection:
>This determines how well your radio will receive signals in the presence of
>strong nearby signals. If you are going to operate in a high signal strengh
>environment, or you are in a congested area, having poor interference
>rejection can render your radio useless. How important it is depends on your
>local conditions and your intended usage. Better rejection costs more money.

Not necessarily, witness the HTX202. Front end rejection and wide band
receive are almost mutually exclusive. So a marrow coverage radio can
offer both better intermod rejection and cost less. It is generally
true that for radios with equal tuning range, the one with better intermod
response will cost more, but you can't just take that for granted, some
very expensive radios have truly dismal intermod resistance.

>SWR:
>Seems that all hams should know this one. It measures how well your antenna
>system is matched to your rig. High SWR indicates an inefficient antenna
>system, as well as making life stressful for your rig's transmitter amplifier.
>Many modern rigs will reduce their output power when a high SWR is detected,
>to protect themselves from damage.

Well, not quite. Read what I said about this in another response.
SWR and antenna efficiency are not directly related.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1431. Re: 6146B vs 6146W Tubes

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan28.215820.9345@ke4zv.atl.ga.us>
Source record: 206703

In article <4ed3lo$6qp@nntp.igs.net> mdonohue@renc.igs.net (Michael Donohue) writes:
>Hi:
> I have a Kenwood TS-830s which is currently using the 6146B Finals, but
>have the chance to get some 6146W's, at a cheap price. Has anyone had any
>chance to use the 6146W, and is their any mods that have to be done before
>using them or is it just drop them in and Neutralize and go. They are made
>by General Electric if that helps out any. Any info on this matter would be
>greatly appreciated. Thanks.

The 6146W is electrically identical to the 6146A. The 6146B is electrically
superior to either in that it has a greater plate dissipation and slightly
different gain and bias requirements. The TS-830 should eat any of them
without indigestion, though you might want to back off the output power
a bit when not using 6146Bs in the final.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1432. Re: Marine Deep Cycle battery charging

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-28 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan28.223106.9637@ke4zv.atl.ga.us>
Source record: 206704

In article <22489.822447967@safety.ics.uci.edu> turner@safety.ICS.UCI.EDU (Clark Savage Turner WA3JPG) writes:
>Anyone know about keeping a deep cycle battery floating
>or otherwise maintaining the charge? I just bought a
>115 amp-hour battery to run my station in case the
>"big one" hits, or we otherwise lose AC lines. I would
>like pointers to literature, kits or products....if
>anyone has suggestions.

Deep cycle batteries aren't ideal for float service.
But they're certainly better than starting batteries.
The better choice for float service is Edison cells,
like the telcos use. They can tolerate extended float
operation. Starting batteries and deep cycle batteries
can't. If floated for extended periods, they'll go
high impedance on you due to sulfide buildup on the
surface of the plates. You should periodically draw
heavy currents from them and give them a brisk recharge
to discourage this. Deep cycle batteries want a lower
constant voltage for charging than do starting batteries.
If you use the higher voltage suitable for starting
batteries, you'll get excessive gasing from deep
cycle batteries.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1433. Re: Differences between TH-22 models

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: markus@sp071.cern.ch
Message-ID: <DLy7Kx.A2o@news.cern.ch>
Source record: 206455

Christian,

to quote out of my TH-22 manual:

TH-22A: Australia / General
TH-22AT: USA / Canada / General
TH-22E: Europe

One difference between the AT and the E is that the E knows
about the (European) 1750Hz tone to open up a Relais, while
the AT doesn't.

Markus

Peder C. Tange Noergaard (ctange) wrote:
: Hope it is OK to poste these questions here:

: I am considering to buy a TH-22. There seems to be more models
: TH-22E, TH-22AT and TH-22ATK2 at least, what is the differences.
: When was the TH-22 introduced, and has it been tested in QST ?

: Christian (OZ1LSL)

--

Markus Baertschi Phone: ++41 (22) 901-0101 (++41 (22) 791-5563)
Geneva, Switzerland, HB9VCD Mail: markus@mail.cern.ch (maba@vnet.ibm.com)

1434. Shopping in NY/NJ area

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: markus@sp071.cern.ch
Message-ID: <DLy7qy.AKF@news.cern.ch>
Source record: 206456

I'll be visiting Summit (NJ) in two weeks from Europe and am
looking for advice to find good HAM shops. I'll be looking for
a small TNC (Kantronics TNC-3) and various other stuff. It's
an awful lot cheaper then at home !

Can you direct me to stores I could visit ?

Thanks Markus

Markus Baertschi Phone: ++41 (22) 901-0101 (++41 (22) 791-5563)
Geneva, Switzerland, HB9VCD Mail: markus@mail.cern.ch (maba@vnet.ibm.com)

1435. YAESU FT207R manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: Jean-Luc.Lorriaux@IEMN.Univ-Lille1.fr
Message-ID: <Jean-Luc.Lorriaux.2.00107187@IEMN.Univ-Lille1.fr>
Source record: 206457

I need the manual or/and the schematic of the YAESU FT207R.

e.mail: Lorriaux@IEMN.Univ-Lille1.fr

Thanks
73' s from F6EBB

1436. Did QST Review the Ten Tec Scount 555?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: sgray@mail.microserve.net
Message-ID: <4ej3t3$8k7@nuclear.microserve.net>
Source record: 206458

I've gotten a lot of feedback from various users of the Scout, but I'm wondering if QST did a review of the rig...? As I'm still deciding between a few different rigs, that would be a big help.

Thanks for any info you can pass along!

---Steve Gray
nr3b
sgray@ugly.microserve.net

1437. YAESU FT207R manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: Jean-Luc.Lorriaux@IEMN.Univ-Lille1.fr
Message-ID: <Jean-Luc.Lorriaux.4.001081EF@IEMN.Univ-Lille1.fr>
Source record: 206459

I need the manual or/and of YAESU FT207R.

e.mail:Lorriaux@IEMN.Univ-Lille1.fr
Thanks

73's from F6EBB

1438. Re: Connector Insertion Loss

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: Paul Moller <Paul_Moller@csg.mot.com>
Message-ID: <310CD73E.5395@csg.mot.com>
Source record: 206460

> A UHF connector system is fine on two meters if the connectors are
> installed properly and reasonable quality standard parts. Even for flea
> power. Connectors do not reduce power on a fixed wattage basis, they work
> by dB loss. At a kilowatt or only one watt the loss is insignificant below
> a few hundred MHz.
>
> 73 Tom

Connectors present an impedance missmatch, which when placed in a constant impedance circuit will create a missmatch loss, not a direct dB insertion loss. In other words the missmatch loss is a function of the impedances involved. One could find a coaxial line impedance at which the PL259/SO239 impedance is very close at any given frequency, and thus the missmatch loss would be very low, even at a high frequency.

Just based on the physical construction, I would suspect that the shield connection between a PL259 and an SO239 is very poor at high frequencies and is resonsible for the impedance "bunp". I have never tried it, but have considered soldering the shields together before screwing on the PL259 outer case.

1439. Need Mods For TH-79A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: n9mxt1@aol.com
Message-ID: <4ej4cc$jb2@newsbf02.news.aol.com>
Source record: 206461

Hello,
Anyone know the mods for the Kenwood TH-79A??? I am a ESDA member and
need them for use in the frequencies in the group.

Please if you know anything post it this way.... Thanks

N9MXT1 -
Jeffrey

N9MXT - Jeffrey

1440. Where can one find a catalogue of equipment?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: soniat@prism.gatech.edu
Message-ID: <4ej6ue$mto@acmez.gatech.edu>
Source record: 206462
Cross-posted to: rec.radio.amateur.swap,rec.radio.amateur.equipment,rec.radio.swap

Is there a source for information on at least the most popular equipment.
I see postings for this and that but most don't list features.
Is there a place to look them up. The Yeasu web page only lists current
models.

Should we start a Web site or FAQ where people who are selling
add descriptions to the existing list and augment existing descriptions?

Ed

--
_| | _ Edward C. Soniat Internet:ed@pobox.com
_| -|_ Mass transfer: 317 Barrington Oaks Circle
| | Roswell GA 30075 770 992 1647 770 740 6697

1441. Re: Kenwood YK-88xx vs YK-88xx-1 filters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: frederick.mckenzie-1@kmail.ksc.nasa.gov
Message-ID: <frederick.mckenzie-1-2901961241240001@k4dii.ksc.nasa.gov>
Source record: 206463

In article <dgfDLnIn4.403@netcom.com>, dgf@netcom.com (David Feldman) wrote:
> Is the only difference between the above filters the mounting

Dave-

If they are electrically the same, then one remaining problem might be
that the leads were clipped too short when mounted on the little PCB!
Give it a try.

73, Fred, K4DII

1442. Re: Heath HW101 Questions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: frederick.mckenzie-1@kmail.ksc.nasa.gov
Message-ID: <frederick.mckenzie-1-2901961320550001@k4dii.ksc.nasa.gov>
Source record: 206464

In article <1771BA645S86.TJB94002@UConnVM.UConn.Edu>,
TJB94002@UConnVM.UConn.Edu wrote:
> I just paid $200 for an HW101 Heath transceiver.

In my opinion, this price might be a little on the high side. However, it beats $1000+ for some of the newer models on the used market.

I had the HW-100, as well as an SB-102. They are very similar radios, although the VFO design varied among the related models.

The one common problem I had on both radios, was bad heterodyne crystals. It happened that the heterodyne oscillator circuit was designed with marginal feedback. It worked great with very good, high "Q" crystals. However, some crystals would degrade with age, and stop oscillating. A friend was able to isolate the cathode terminal of the oscillator tube, and insert a low value resistor to ground. He was able to somehow use this to increase feedback, allowing use of crystals that had previously stopped oscillating!

The VFO calibration problem could be the result of a heterodyne crystal having drifted. I think a different crystal is used for each band, so the error would be different for each, if that is the problem. If the error is the same for all bands, then VFO components may have drifted. I assume you were forced to realign the dial so that the 500KHz line coincides with the stop.

73, Fred, K4DII

1443. Re: FT-51R Extended RX Range Problem...(?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: sparkfel@primenet.com
Message-ID: <4eiqs5$9ui@nnrp1.news.primenet.com>
Source record: 206465

assst5+@pitt.edu (Amy S Snyder) wrote:

>Later I disabled the extended RX range and found that all of my channel
>memories and other stored setups (dial xfer, etc) were gone! It was as
>if it was restored to factory settings.

Yup, this is not a problem, but a design feature. What you did was
exactly that, return the radio to factory settings. Note that the
Yaesu manual expressly warns you that this will happen. Get the ADMS
programming kit. For $40 I highly recommend it.

Intermod does not increase with the hardware mod, as it is a change in
the processor end of the unit.

1444. Knwd 6 Mtr mod ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: kr4tg@mindspring.com
Message-ID: <4ejb81$tcc@firehose.mindspring.com>
Source record: 206466

Hello folks,
I've been toying with this Idea of putting 6 mtrs into My TS820-S.
I have seen the mods done to put the WARC bands into the AUX ,
10mtr - hi , and WWV bands. Is it possible to utilize the auxiliary
band slot for 6 mtrs , by means of coil packs and other assorted
minor mods ? I would greatly apprieciate any input and / or
instruction on this project . (I'ts gotta be cheaper than buying a
6 mtr rig - hi) tnx in advance es 73,
Mike , KR4TG

1445. FT-5200 out-of-band receive? Forgot how...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: jbs@rti.org
Message-ID: <1996Jan29.174245.21459@rti.rti.org>
Source record: 206467
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Just got my FT-5200 back from Yaesu repair, and receive is now limited to 144-148. I used to have it opened up to get the weather service freqs, but I don't remember how I did it. Anybody know what the key sequence is for this mod?

Thanks...

-Joe KD4LLV

1446. Re: Advice-Yeasu FT-8500

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan29.155533.13567@ke4zv.atl.ga.us>
Source record: 206468

In article <4egg7h$p3h@ixnews4.ix.netcom.com> epapd@ix.netcom.com(Paul S. Ewing) writes:
>I'm thinking about buying a Yeasu FT-8500 dual band
>mobile. Anyone out there have any strong likes/dislikes/problems
>with this radio??

I *hate* the microphone control system. Be sure to play with it
extensively before making a final purchase decision. I did, and
decided the Standard has a better control system. (The Standard
is more intermod resistant too.) Both all-controls-on-the-mike
radios take quite a bit of getting used to, so you *really*
want some hands on time with them before making a choice.

The control systems on both radios have pluses and minuses, and
neither fully satisfied me, but after spending several hours
with each, the Yaesu was still confusing, easy to change inadvertently,
and clunky. The Standard was more intuitive, less prone to accidental
changes, etc. The one major drawback to the Standard is volume control.
That requires two keypresses. On the Yaesu, you've got knobs, but they
feel really cheesy, and I was concerned they might soon break.

I like the display in the mike that the Standard has because I
can use my bifocals on it. In my vehicle, the Yaesu display would
have to be placed at an awkward distance. I also liked the clean
audio out of the Standard better, it is surprisingly good both
from the speaker in the mike and from the speaker in the main
unit. I think you'd want an external speaker on the Yaesu. You
probably wouldn't need one on the Standard.

Both are pretty good radios as radios, so the decision comes
down to which mike control system you like better. I like the
Standard's system better. You may not. So find a place that
will let you sit and play, and think about how you'll be
operating in the mobile while you play. Try all the features,
see how hard or easy they are to master. (I never did get the
Yaesu to go into crossband repeater mode correctly, and I
had help from a knowledgeable salesman, and we called Yaesu
tech support to boot.) Both these radios are serious money,
so take your time and make sure you buy something you can
live with.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1447. Virtual Radio Rally http://ukinternet.com/ham/ PLEASE READ

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: Mark <uk-mark@marks.demon.co.uk>
Message-ID: <822948074snz@marks.demon.co.uk>
Source record: 206469
Cross-posted to: uk.radio.amateur,rec.radio.swap,rec.radio.amateur.equipment

New at the Virtual Radio Rally

Just like a real Rally, you can now rent your own Stall !

But unlike a real Rally the Stalls here are FREE !

If you have between 10 and 50 items to sell please point your web browser at

http://ukinternet.com/ham/

Hams with 9 or less items can use the Bring & Buy stall !
--
Best 73's - Mark G8HLC & Julie XYL

1448. Re: Heath HW101 Questions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: Tom Pfaffenbach <tvpfaffe@mail.delcoelect.com>
Message-ID: <4eiqoe$d1q@kocrsv08.delcoelect.com>
Source record: 206470

The Heath HW-100 and HW-101 transcievers are excellent units. You may wish to check the two 33K
ohm, 1/2 watt resistors used on the plates of the 12AU7 carrier oscillator. They frequently will be found to have drifted up quite a bit in value. The oscillator continues to work, but
the R.F. drive to the diode ring modulator drops off, and on transmit, the drive is similarily
affected. Dial backlash can be improved by lubricating both the Jackson drive and the tuning
capacitor. It is a bit of a chore to de-mount the vfo module and dial, but it is do-able if you
are enthusiastic. You should have no trouble getting the VFO to track across the band. Heath
gives you trim adjustments for both the tuning capacitance and and coil inductance. The easiest
way is to hook a frequency counter to the vfo output terminal. Before you start, tune in the
calibrator at any point, on USB, to zero beat. Then switch to LSB and re-zero with the "Shift" trimmer cap. That corrects the dial reading to be the same on LSB and USB. Now attach
the frequency counter. Set the dial to the high end (500) with the trim capacitors preset 1/2
turn loose from tight. Adjust the coil for 5.000 mHz. Note that the VFO tunes backwards because
of the way the various hetrodyning oscillators are combined. Now turn the dial to the low end
(0) and set the capacitors (looser) to 5.500 mHz. Repeat these steps about 10 times, You will
see improvement in tracking at each step. The VFO will track the dial end to end about as closely as you care to read it, if it was assembled according to directions. Two trimmer capacitors are used in the HW101, the one nearer the front panel is the fine adjustment. (The
HW-100 used only one.) Stop trying for tracking improvement if the screw in either becomes overly loose!

73 de K9JDU

1449. Re: dsp filters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: Gary Watts <gwatts@qni.com>
Message-ID: <Pine.SOL.3.91.960129102443.2325D-100000@qni.com>
Source record: 206471

John,

On Sun, 28 Jan 1996, John Bradley/KK5MH wrote:

> K1JZP@PCIX.COM wrote:
>
> >anyone have any comments on dsp filters?
> >how good do they work,will it really help out on heavy qrn say on 80 meters
> >any recommandations?
>
> I would assume they would work well in reducing QRN on 80, although I
> haven't used one for exactly that purpose.
>
I didnt know that they had dsp filters that could REJECT
3.5 to 3.9 MHZ as a bandstop filter.
That would be the only way to reduce the qrm on 80

1450. Re: Heath HW101 Questions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: rossi@VFL.Paramax.COM
Message-ID: <1996Jan29.195646.4757@VFL.Paramax.COM>
Source record: 206472

In article <frederick.mckenzie-1-2901961320550001@k4dii.ksc.nasa.gov>
frederick.mckenzie-1@kmail.ksc.nasa.gov (Fred McKenzie) writes:
>In article <1771BA645S86.TJB94002@UConnVM.UConn.Edu>,
>TJB94002@UConnVM.UConn.Edu wrote:
>> I just paid $200 for an HW101 Heath transceiver.
>
>In my opinion, this price might be a little on the high side. However, it
>beats $1000+ for some of the newer models on the used market.

>I had the HW-100, as well as an SB-102. They are very similar radios,
>although the VFO design varied among the related models.

HW-101 is very similar to the SB-102. 90% or more of the circuit is
identical. Most significant difference is in the VFO construction and
some extra front panel switches on the 102.

>The one common problem I had on both radios, was bad heterodyne crystals.
>It happened that the heterodyne oscillator circuit was designed with
>marginal feedback. It worked great with very good, high "Q" crystals.
>However, some crystals would degrade with age, and stop oscillating. A
>friend was able to isolate the cathode terminal of the oscillator tube,
>and insert a low value resistor to ground. He was able to somehow use
>this to increase feedback, allowing use of crystals that had previously
>stopped oscillating!

>The VFO calibration problem could be the result of a heterodyne crystal
>having drifted. I think a different crystal is used for each band, so the
>error would be different for each, if that is the problem. If the error
>is the same for all bands, then VFO components may have drifted. I assume
>you were forced to realign the dial so that the 500KHz line coincides with
>the stop.

It is very common for these crystals to change frequency over the
years. ** especially the 15.875 MHz crystal for 40 meter ** I have
seen this one as much a 15-20 KHz off in several HW-101/SB-300/301/401, etc.

This would only effect one band or bands where the HET OSC crystal was
off. Once the "0" point is set on a particular band, the calibration
within the band should be identical from band to band.

Other common (but easily fixable) problems with the HW-101 :

1. Resistors that have changed values.

2. Resistors that have changed values [Get the idea :-)]
I went through one HW-101 that I was restoring and I must have found
near a dozen resistors that had increased value sometimes as much as

50-100 % Go through the radio with an ohm meter and check each one.
You should get a reading across a given resistor that IS NO HIGHER
than the marked value. Reading could be lower due to other components
in parallel - BUT NEVER HIGHER. You might find this hard to believe
until you track down a 33K resistor that looks like new but is reading
250K on the meter. It will do it every time.
Make sure you check the cathode resistor of the driver tube. This one
tends to run hot and is bound to have increased value a bit which
cuts down the drive. I have seen this in an HW-101 and two SB-401's.

3. Slipping DRIVER/PRESELECTOR drive belts. These guys will stretch
with age and cause the two variable caps to fail to track properly.
The result is low drive and sensitivity at various portions of the
band. Very critical on 80 and 40 meters. New o-ring belts should be
available from most decent auto supply houses... though it might be
kind of tricky explaining to the guy what you are going to use them
for. Just take an old ones off and ask for 2 that are the same size
or ever so ever so tiny bit smaller.

4. Dirty / worn band switch contacts. This one HW-101 had power output
that would wander all over the place. I finally ended up removing all
of the band switch wafers (sub-boards) cleaning them and tightening up
the contacts. Afterwords the output was rock solid on all bands.

5. Missing or poorly installed bottom shield. One had some of the
hardware (grounding tabs) missing from the bottom shield. Neutralization
was a bit unstable until I added some additional grounding straps to make
sure all of those shield panels in between the bandswitch boards were
firmly grounded. Do not attempt to align the radio without the bottom
shield in place.

7. Poor grounding between the circuit boards and the chassis. This one is
not too common but sometimes some corrosion between the ground trace and
the chassis will develop and cause all kinds of problems. For starters
make sure that all of the little screws that hold the circuit boards
in are *REAL* tight.

8. I found it very helpful to replace the original 200 ohm carrier null
pot with a miniature 10-turn pot. Makes the null adjustment much much
easier.

Thats about all I can remember for now. These are nice radios to fix up
and can be fun to work on. Just watch out for the high voltage.

==
Pete Rossi - WA3NNA rossi@vfl.paramax.COM

Loral Defense Systems-Eagan (formerly Unisys Government Systems Group)
Valley Forge Engineering Center - Paoli, Pennsylvania
==

1451. Re: ADI 2M RADIOS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: Paul Moller <Paul_Moller@csg.mot.com>
Message-ID: <310CD99B.6F3B@csg.mot.com>
Source record: 206473

I am looking for comments pro or con regarding the ADI mobile radios?
Thanks.

Paul Moller
WD9ABE

1452. Re: HF Rig Selection for NEW ham IC-706,TS-50....?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: Bradford Ashley <ashleyb@ohsu.edu>
Message-ID: <Pine.SOL.3.91.960129091500.4683B-100000@steele>
Source record: 206474

Jim
I might be interested but I'm slowly getting sold on the Ten-Tec line but I've never passed up a good deal. Why don't you E-mail me with a ball park figure of what you need to get for the set-up, I'm assuming that you want sell everthing in a package?. It sounds like a nice set-up and the IC-735 has an excellent reputation. Also I'm not sure how much it will cost to ship to Portland,OR. I look forward to hearing from you soon thanks for the reply.

Brad WB7TSO
73's

E-mail ashleyb@ohsu.edu

1453. Re: Bendix/King hand-unit programming

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: holtzman@shazam.ecs.csus.edu
Message-ID: <4ejfqs$fu8@csusac.ecs.csus.edu>
Source record: 206475

The B-K cloning cable is easy to make. I took an old circuit board from a pc, some sand paper, epoxy, file, and a hack saw. The connector spacing of the circuit board fingers is correct, but the board too thin. I sanded two pieces, cemented them together, so they fit into the B-K, and soldered wires to them. Only three wires are used for the actual data. I also added a push button switch to place the radios into programming mode. I know you can buy a cable for $100, but you can also make your own.

I would include the wiring info, but I don't have it handy.

jrh

--
James Holtzman kc6ncg Team OS/2 (holtzman@shazam.ecs.csus.edu) (916) 278-7374
"What this country needs is less people telling us what this country needs"
School of Engineering & Computer Science, Cal State University, Sacto, CA

1454. Moi

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: nmdaude@imaginet.fr
Message-ID: <4ej1fm$ei5@avalon.imaginet.fr>
Source record: 206476

Bonjour

1455. Kenwood DRU2/DRU3

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: jbmitch@vt.edu
Message-ID: <4ejdi1$jtv@solaris.cc.vt.edu>
Source record: 206477

Anyone been able to make either the DRU-2 (TS-850, etal) or DRU-3
(TS-870) record received signals??

There are a few people out there who say it can be done, but there is
nothing in the manual about it - only tells how to record thru the mic
for transmitting id in contest, etc.

Please summarize any experience to this usenet of direct e mail to me.
Thanx 73
John

1456. WTB: Ext. VFO for Kenwood TS-180S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: William Bickley <wbickle@ix.netcom.com>
Message-ID: <4ej2e9$ms9@reader2.ix.netcom.com>
Source record: 206478

Wanted to buy:

VFO-180 remote VFO for Kenwood TS-180S transceiver.
Replies to wbickle@ix.netcom.com or
KF2ON@W2XO.#SWPA.PA.USA.NOAM, please.
Thanks.

Bill KF2ON

1457. Any Hams Using Heathkit H-100 Computer on cw/rtty/packet?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: rdkeys@csemail.cropsci.ncsu.edu
Message-ID: <4ej8sn$9em@taco.cc.ncsu.edu>
Source record: 206479
Cross-posted to: rec.radio.amateur.digital,rec.radio.amateur.equipment

I would be interested in corresponding/emailing with any ham who
has used/is using a Heathkit H-100 (Zenith Z-100) computer for
amateur radio purposes such as cw, rtty, packet, logging, etc.

Thanks

Bob Keys/NA4G
rdkeys@csemail.cropsci.ncsu.edu

1458. Re: Sound baord as a AF signal generator?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: joopv@etprs.seas.ucla.edu
Message-ID: <4ej7vl$461@tuegate.tue.nl>
Source record: 206480
Cross-posted to: rec.radio.amateur.equipment,sci.electronics.equipment

Bob Smith (rsmith@internetmci.com) wrote:
> Need a AF signal generator - have the above any one use this as such.
> Would like a higher Z output any ideas on stepping up the 16 ohm output?

> Thanks in advance
> Bob Smith, N3FTU.

I have this GUS-MAX board. There is a wave-table syntheziser on board, and
you can program it to produce any waveform at any given frequency.

I don't know if there is a "AF signal generator" application program for
this (or any other) sound board. But with WaveLite wich came with the card
you can do some interesting things.

I editted the sound sample (wich is uploaded to the card's wavetable memory)
to change the waveform.

73 Joop, pe1dna

1459. Questions about Alinco DJ-S1

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: E.vanElk@ET.TUDelft.NL
Message-ID: <310beab8.964733@elektron.et.tudelft.nl>
Source record: 206481
Cross-posted to: rec.radio.amateur.equipment,rec.radio.shortwave,rec.radio.amateur

Hi,

I bought a 2nd-handed 2m transceiver a few weeks ago, but there was (offcourse) no manual included in the deal.

This transceiver is a great thing: It's an ALINCO DJ-S1 and it can transmit in the range from 130.00 MHz up to 174.000 Mhz! There are some questions left, after using this thing a few weeks!

- At first, how do I turn on (off) the roger beep! After pressing some keys, It sunddenly jumped on!

- Can I TRANSMIT in the range from 108.0 Mhz up to 143.0 Mhz ? When I try to, it simply says: "Off". If so, how do I do so?

- What are the buttons "TMS", "TONE" and "BS" used for?

If you have an answer to my questions, please E-mail them to me (E.vanElk@ET.TUDelft.NL) Thanks in advance! If you have any other nice stuff about/for the ALINCO transceiver, I'm interested as well!

Thanks,

Edwin

1460. AZDEN PCS-4500 6 Meter INFO

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: "Alan Johnsom", K9CTF
Message-ID: <4ej33h$db7@Twain.MO.NET>
Source record: 206482

I need a service manual, a schematic, notes writen on you sleeve or any other service info on a Azden PCS-4500 6 meter FM rig. The guy at Azden was no help,
other than wishing me good luck.

fax 314-827-3312
day 314-827-8545
night 314-928-0269

73
Alan
K9CTF
kninectf@mo.net

1461. Re: Any comment on Alinco DR610 or Kenwood 733a dual band mobile?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: Greg Ottria <gottria@slip.net>
Message-ID: <4ek79m$r3t@slip.net>
Source record: 206483

Dan Hrehov wrote:
>
> I am looking for any comments on either the DR610 or 733a dual band mobiles.
> How do you like them? Any problems? Hows the intermod? Would you buy them
> again?
> Any comment would be appreciated.
> Thanks and 73's
> Dan nr Seattle
> email N7VOE@aol.comI had both radios and I like the Kenwood 733. The radio seems to be more
sofisticated than the 610. Some major thing I didn't like about the 610 is
on the UHF side, reception is very very weak except on the ham band, the 610
has a detachable face but there is still a cord attached, the Kenwood
doesn't. Well I could talk forever on the differences. E-Mail back on any
specific questions. Good Luck gottria@slip.net

1462. Re: Connector Insertion Loss

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <4ej05s$18n0@info4.rus.uni-stuttgart.de>
Source record: 206484

Hello Jim, thank you for the friendly answer.

>Excuse me? The PL259/SO239 is a non-constant impedance connector.
>That is, nobody guarantees that the ratio of center pin diameter to
>external shell diameter is 50 ohms.

If you have a PL connector in the back of a transmitter, the mismatched
section can be allowed for in the tuning procedire. I guess that is what
Henry does with their output circuit, and it shows that PL's worl well on
2m, if well installed.

>>BNC is not a good option, unless cable lengths are very short
>>(a few feet only)

>Where in the hell is THAT written?

Look at any loss vs. cable type table, amd you see that with RG58
(apologies for my typo) losses quickly become very noticable.

The point is, that a RG213 antenna cable with PL's works fine on two
(and even on 70cm) if properly installed and if wetherproofing
is taken care of. The thin cable wont, and BNC to N adaptors
do not solve the mechanical problem.

73, Moritz DL5UH

1463. Re: Sound baord as a AF signal generator?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: rbl@po.cwru.edu
Message-ID: <4ej9kb$6bh@madeline.INS.CWRU.Edu>
Source record: 206485
Cross-posted to: rec.radio.amateur.equipment,sci.electronics.equipment

In article <310C63DB.52B7@whidbey.com>,
Paul Mathews <optoeng@whidbey.com> wrote:
>It may be desirable to actually match impedances for max flatness of
>freq response, freedom from ringing, etc. If so, NB my earlier response
>for how to do it. Paul Mathews

If I were doing it, I'd use one of the broadband current amplifier op
amps. Linear Technologies and others make them. Their output will
drive about any impedance. I use them for driving too long video cables.

Rob Lake
Environmental Modeling Inc.
rbl@po.cwru.edu

1464. Yaesu FT-2500M CAP/MARS Mod

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: kgk@nwu.edu
Message-ID: <kgk-2901961336150001@kgkmac.repoc.nwu.edu>
Source record: 206486

Does anyone have the CAP/MARS mods for the Yaesu FT-2500M? I've check all the ftp sites I could find (including Oakland) and could not find anything on this radio.

I'd also be interested in any other mods aviailable for the radio.

Thanks

Ken


```
------------------------------------------------------- _----
Kenneth Kalan PP ASEL ===_ / |
Northwestern University | ___/[__ ] \___/__ |
Prosthetics Research Laboratory |\__ _|___|_____===/
Rehabilitation Engineering Program | \/
kgk@nwu.edu N9YIR o O
Civil Air Patrol, 2LT,1st Lyons Composite Squadron - Red Fox 407
Melrose Park RACES 1M64 Skywarn Weather Spotter
http://kgkmac.repoc.nwu.edu/
```

If you pick up a starving dog and make him prosperous, he will not bite you. This is the principal difference between a dog and a man. -- Mark Twain
---

1465. Re: PRODUCT REVIEW: ProGold and DeoxIT, CAIG Laboratories

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: borowski@spk.hp.com
Message-ID: <4ejb7p$7vt@hpcvsnz.cv.hp.com>
Source record: 206487
Cross-posted to: rec.radio.amateur.equipment,rec.antiques.radio+phono

Michael Crestohl (mc@shore.net) wrote:
: PRODUCT REVIEW: ProGold and DeoxIT - CAIG Laboratories, Inc.

: One of the most difficult areas of electronic equipment maintenance and
: restoration is cleaning and preserving electrical contact points. As
: these component surfaces and areas become dirty and eroded due to friction,
: wear, arcing, etc. Switches and relays are difficult to replce both from
: a logistic standpoint as well as the actual installation of the new part.

[snip]

: (C) 1996
: Michael Crestohl
: Nahant Massachusetts USA
: mc@shore.net

Methings Michael is preaching to the choir here, and should check the
FAQ for this group.

Donald Borowski WA6OMI Hewlett-Packard, Spokane Division
"Angels are able to fly because they take themselves so lightly."
-G.K. Chesterton

1466. Re: Need Mods For TH-79A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: midnight@richmond.infi.net
Message-ID: <4ejb7e$aj2@nw002.infi.net>
Source record: 206488

n9mxt1@aol.com (N9MXT1) wrote:

>Hello,
> Anyone know the mods for the Kenwood TH-79A??? I am a ESDA member and
>need them for use in the frequencies in the group.

>Please if you know anything post it this way.... Thanks

> N9MXT1 -
>Jeffrey

>N9MXT - Jeffrey

Here are some.
Kenwood TH79 Dual Bander Modification and Feature Guide r1.5 9/13/94
==========
Clayton Wagar, KD4IDN
920 West Crawford Street #7
Dalton, GA 30720

Here is a compiled list of modifications and features I've found for
the
Kenwood TH79 Dual Band HT.

Thanks to the following for their contributions to this document:
Mike Musick, N0QBF
Cole Cunningham, AA7RD
Duane Voth, KC5BGV
Chuck Scott, N8DNX

Having had many other radios in the past, and certain to have many in
the future, I understand the anticipation of Amateur Radio operators
to
find modifications to their equipment. I started this document because
I
want to see _quality_ information circulated as quickly as possible,
in
order to save a lot of time and effort for others.

If you have any other comments, mods, or information you would like to
see
included in this document in the future, please send them to:
Clayton Wagar KD4IDN
yensid1@aol.com

Outstanding questions at the time this document was released:

* Rumor of a keypad modification to the radio for "Wide band" TX, RX. If you
know of this mod, please write to me, even if you wish it not to be published. This would save a number of poor radios from useless torture!

Hope you find all of this information useful. Again, please send corrections
or additions to yensid1@aol.com

73 de Clayton
KD4IDN

++
Contents of This Document
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I. Disclaimer and other foolery
II. Brief Description of the Kenwood TH79A Dual Band Handheld Radio
III. MARS/CAP Modification
IV. Extended TX/RX Modification ('Beyond MARS')
V. Remote Base Operation
VI. Post Modification Specification Chart
VII. Cross Band Repeat
VIII. Other Stuff

++
I. Disclaimer
++

Well, don't you get sick of this stuff? I know, I know. However, I must
say that I cannot and will not be responsible for anything that might happen to your radio, your person, your dog, or other operators you might talk to with your th79. In addition, if you decide that, with your newly modified HT, you just absolutely must cause unlawful interference with another ham or another radio service, I won't pay your
NAL. Really.

Oh, and while we're at it... The extended RX/TX modifications may require you to solder or desolder really, really small components. If you want to know how small, look at the tip of an average ball point pen.
Smaller than that. It takes about 1/2 of a second to wipe out several components as well as fry the board inside the 79. Please be careful.

++
II. TH79 Description and Impressions, by Mike Musick, N0QBF
++

Lulled by the sexy small size, I succumbed (or, rather, the credit card succumbed) and bought a Kenwood TH-79 dual-band H-T recently. Already owning a TH-78, the comparison comes easy.

SPECS. The TH-79A is a U.S.-spec dual-band transceiver, featuring coverage from 144-148 and 438-450 MHz. Receive coverage is extended on the 2M side from 118 to 174 MHz with AM in the aircraft band; there is no extended UHF coverage without modification. Max power is rated 5W on VHF and 3.5W on UHF with a 12V source; max power with stock 600 mAH nicad pack is 2.5/2.0. There are three power levels for each band - high, low, and extra-low (30mW). There are 80 memory channels, with no evident expansion capability. U.S./Canada version comes with the CTCSS encode/decode option. Going price at a 7/17/94 hamfest was $480.

GENERAL IMPRESSIONS. Tiny, tiny, tiny. Imagine putting a small duckie on the ARRL Repeater Directory - except that the 79 is narrower by about an inch. With the standard battery and not counting the belt clip, the dimensions are roughly 2" wide, 5" tall, and 1" thick. The belt clip adds 3/8" to the thickness; I left it off so it would be pocketable, and, frankly, it fits moderately comfortably in my work slacks' front pockets, which was surprising. It's tiny! (Oh, I said that already.)

The 79's keyboard has larger buttons than it's predecessor (lacks the cover, too) which are much easier to use. Control layout in general is better and even in just a couple of days I appreciated the change. No more ambiguous power switch - it's in the primary band volume knob in a normal OFF/ON/VOL setup. Secondary band volume control is on the "ring" of the freq/channel encoder knob in a coaxial arrangement.

There are no squelch knobs; it a key+knob function for both bands. Squelch control was, well, interesting. There are only six "settings", with usually only the lowest setting opening the squelch under no signal. Reading between the lines in the manual, apparently the squelch circuit is semi-automatic. I expected some limitations, but had no complaints under actual use - it worked well.

With my expected habit of putting it in my pocket, I like the control lock switch - it's *not* an F-key function, but, rather is a slide switch next to the PTT. No more fumbling around to unlock it. Unfortunately, the lock function does not lock PTT - that has to be disabled with the "Tx Stop" menu setting. I found this out the hard way by putting it in my pocket and inadvertently keying-up a repeater.

The 79 has an alphanumeric display capability of two lines of 10 characters, which is used in several ways. First, there is a "guide" facility, which provides online instruction for most operation features with a scrolling display. Then there is a "menu" function, which provides access to the settings which were normally done with obscure F-key commands in the 78. Setting the various functions is very clear this way. There is also a status review mode, where the more important settings are displayed.

Finally, the alphanumeric display can be set for each programmed channel. Seven characters positions are available, and almost the entire extended ANSI character set - that's right: lower case, symbols, and accented characters - can be used. However, alpha display is mutually exclusive with frequency display. Frequency display mode can be selected in case you forgot what was "underneath" your programmed channel ID.

++
III. MARS/CAP Modification provided by Mike Musick, N0QBF
++

Here is the MARS/CAP modification for the new Kenwood TH-79A dual-band HT. Usual disclaimers about doing mods apply.

1. Remove battery.

2. Open case by first removing 3 screws (#00 Phillips) on back and 1 screw on side hidden underneath the rubber flap covering the DC power jack. Gently pry apart starting at top; BNC connector will move with back, knobs with front.

3. Spread unit out. Wires will "hinge" on the side with the PTT button.

4. Looking on the back of the keypad (front) half, locate green wire on upper left, just below the CTCSS decoder module.

5. Neatly cut this green wire, and tuck back in so ends won't touch each other or other components.

6. Reassemble.

Programmed memory will be lost since the CPU will notice the strap change and reset itself.

End result -

Before: VHF RX - 118.000-173.995 TX - 144.000-147.995
UHF RX - 438.000-449.995 TX - 438.000-449.995

After: VHF RX - 118.000-173.995 TX - 142.000-151.995
UHF RX - 420.000-449.995 TX - 420.000-449.995

Automatic repeater offset and shift selections remain normal.

And this tip comes from Duane Voth, KC5BGV...

"The MARS/CAP mod can be made without opening the entire case up. You

can fairly easily cut the green wire by simply (and carefully) removing
the CTCSS decoder cover and using a small pair of diagonal wire cutters."

++

IV. "Wide Band" Modification, provided by Cole Cunningham, AA7RD
++

Following is a modification for the Kenwood TH-79A Dual Band HT which opens it up to tuning from 67-174 MHz and 400-511 MHz. Actual receive was
85-135.995 AM and 136-179.995 FM with reasonable (0.5 microvolt or better) sensitivity at all the points I measured. Transmit was 136-179.995 and 400-511 with power dropping off at the ends but still usable (about 0.5w on the high scale at the band edges).

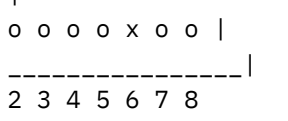
As usual, I take no responsibility for the mods, or your use of the unit
after mod. Please exercise good judgement and don't endanger our ham bands
with your irresponsible actions.

The observations noted are all I tried and I have no further data. This is such a delicate operation that one shot was all I wanted to do,
and when it worked I quit!!!

WARNING-CAUTION-LOOKOUT-ETC!!!
The diodes to be moved are microscopic!! About 1mm long by 0.5mm wide.
This mod should be done by professionals on a closed track only. Children, do not attempt this at home. Requires extremely small soldering
tools and MUCH skill. I had a professional surface mount facility do mine...

1. Open the unit by removing three screws from the back and one under the
DC power input cover. Carefully separate the front and back pieces.
The two case halves may be disconnected by pulling the wired plug and by
prying the brown latch on the ribbon cable connector up enough to release it.

2. On the front PC board in the lower right corner as viewed from the rear
with the knobs pointing up there are seven spots for diodes in a row,
with one diode missing.



The numbers are D302-D308, left to right, with D306 missing.

3. Remove D304, and D307. Put them away in a safe place (Just in case...)_

4. You should now have:

```
|
o o x o x x o |
_______________|
2 3 4 5 6 7 8
```

5. Reassemble and good Luck.

Enjoy, but don't create problems with the new capability...Wouldn't it be nice if Kenwood would make a RX only mod with these capabilities and we wouldn't have to worry about accidental transmissions where we shouldn't be transmitting. I, for one, don't want or need to TX, just RX...

73, Cole, AA7RD
August 11, 1994

(Note - This mod also adds 2 more menu settings. One of which is an AM/FM demod selector for the 300-400 Mhz band. To access this band, select the VHF band, press F, then press the Low/Hi key. Repeat to return to 144 Mhz. The AM/FM selector will allow you to listen to Military transmissions in the 300Mhz band in either AM or FM.
- Clayton)

++
V. Remote Base Operation with Kenwood 732/733
++

Kenwood has now simplified remote base operation of their mobile rigs with the TH79.

I will not give a step by step on how to control the mobile rigs, since they are different. Hoewever, to really understand this feature, I would first get to know the remote control feature on the mobile very well. This makes the following explanation a little clearer!

To access this feature, hold [PTT] and [MR] while [POWER ON].

The display will indicate -RC-, which I presume means 'Remote Control'.

If you have correctly matched your DTSS codes, frequencies, etc, the dual bander's keypad now becomes a function pad. Pressing certain keys enables or disables functions on the mobile rig by sending the DTMF sequences for you.

Please note that all this fuction does is send the DTMF tones over the
air
to control your mobile rig. I have not made a list of what each key
does,
but as the 79 sends the DTMF tones, the display will indicate the
function.
(i.e. - RPT ON, RPT OFF, TONE ON, TONE OFF, etc.)

73 de Clayton
KD4IDN

And this from Chuck Scott, N8DNX...

"The "RC" function is configured to directly control radios such as
the TM-732. In fact, if you look at the layout of the microphone
remote
commands for the 732 it very closely matches the key assignments for
of
the "RC" mode. Since I have a TM-732 installed in my car, I had a
chance
to try this out and it's VERY convenient. Everything from direct
frequency
entry with the "F" key to enabling X-Band repeat. I'm really
surprised
they aren't marketing this feature of the radio."

++
VI. Post Modification Spec Sheet, by Clayton Wagar, KD4IDN
++

Here is a small chart showing the measured specifictions of TH79
S/N 60300272 after modification. The measurements were made with an
IFR 1200S Service Monitor, on the bench, with a 6V power supply.
Your milage may vary - these are just what happened with mine, and
I would suspect that most units are pretty similar.

73 de Clayton
KD4IDN

Band - VHF --
Frequency Sens (uV) Power Mode
--------- --------- ----- ----
108 4 - A3
110 2 - "
115 .75 - "
120 .40 - "
125 .30 - "
130 .30 - "
135 .30 - "
140 .12 2.9 F3
145 .12 2.9 "
150 .13 2.8 "
155 .15 2.4 "

160 .18 1.9 "
165 .20 1.45 "
170 .21 1.10 "
175 .30 0.85 "
179.995 .35 0.70 "

Band - VHF (2) (set to 300Mhz) ------------------------------
Frequency Sens (uV) Power Mode
--------- --------- ----- ----
300 50/75 - A3/F3
320 4/20 - "
340 .3/.6 - "
360 .2/.5 - "
380 .2/.6 - "
400 .2/.75 - "

Band - UHF --
Frequency Sens (uV) Power Mode
--------- --------- ----- ----
400 11 1.0 F3
410 4 1.5 "
420 1 1.85 "
430 .2 2.2 "
435 .12 2.3 "
440 .10 2.5 "
445 .10 2.5 "
450 .10 2.5 "
455 .15 2.3 "
460 .16 2.3 "
465 .20 2.0 "
470 .45 1.8 "
480 1 1.6 "
490 2 1.3 "
500 6 1.1 "
510 no RX over 509 0.8 "

++
VII. Cross Band Repeat, from Chuck Scott, N8DNX
++

The TH-79 does go into X-Band repeat. Press the "F" key then the
"MONI"
key to enter repeat mode. Use the same to return to normal. There is
a
10 min transmit limit so it's not useable for long duration monitoring
of
a continuous transmission. That's understandable in light of the
number
of horror stories I've heard of people frying their HT's in repeat
mode.

++
VIII. Other Observations, Ramblings, Etc.
++

From Chuck Scott, N8DNX....

"Regarding the lack of a memory Lock Out function, I talked at length
with the Kenwood people. They have been inundated calls about this and
have told me that they are preasuring Japan to come up with a processor
replacement to fix this, perhaps as a retrofit. I encourage any owner of
a TH-79 to write to Kenwood insisting on such a modification at no cost
and asking that they be informed when it is available. I think this is
justified for several reasons. First, I have been told by another ham
that the official brochure indicates that such a feature is included.

Second, and more important, it is arguable that the radio is not suited
to the application without memory lockout. After all, it's an 80 channel
radio. To make effective use of that many channels REQUIRES a channel
lockout function. Without effective use of that many channels, the radio
is not comparable to the current standard for such a unit.

BTW, close inspection of the RF deck in my radio shows no obvious
missing parts. I didn't remove the board to check the other side, but
my suspicion is that the 800 MHz parts are installed. I'd be interested
in input from others on that. So far I've not discovered how to make it
display any 800 MHz frequencies though."

==
Kenwood TH79 Dual Bander Modification and Feature Guide r1.5 The End!
==

1467. FS: IC-551D 6m multimode xcvr

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: fedpress@omnifest.uwm.edu
Message-ID: <4ejcb2$1ae@omnifest.uwm.edu>
Source record: 206489

For sale: Icom IC-551D 90w multimode 6m transceiver. It has the optional FM, PBT, and VOX boards.

Please do NOT, repeat NOT reply via e-mail. The seller is:

Radio Recyclers (the owner is Neil, WK9Q)
7730 W. National Avenue
West Allis, Wisconsin 53214 (a suburb of Milwaukee)

phone (414) 771-7121 (voice or fax)

Again, please do NOT reply via e-mail to the poster of this message.

1468. TS-130S HF Transceiver 4 Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: jbaker@ubmail.ubalt.edu
Message-ID: <1996Jan29.180308.1@ubmail.ubalt.edu>
Source record: 206490

FOR SALE: Kenwood TS-130S HF Transceiver. Has CW filter and WARC bands. solid state and in great condition. $395.00. If interested leave e-mail for me at jbaker@ubmail.ubalt.edu or call at (410) 636-8979. Thanks. de Jeff

1469. Help finding part 95

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: z_stuadr@titan.sfasu.edu
Message-ID: <1996Jan29.155827@titan.sfasu.edu>
Source record: 206491

```
Path: titan.sfasu.edu!z_stuadr
From: z_stuadr@titan.sfasu.edu
Newsgroups: rec.radio.amateur.antenna
Subject: Help findind part 95
Message-ID: <1996Jan29.155749@titan.sfasu.edu>
Date: 29 Jan 96 15:57:49 CST
Organization: Stephen F. Austin State University
Lines: 36

Path: titan.sfasu.edu!z_stuadr
From: z_stuadr@titan.sfasu.edu
Newsgroups: rec.radio.info
Subject: Part 95, please help locate
Message-ID: <1996Jan29.155524@titan.sfasu.edu>
Date: 29 Jan 96 15:55:24 CST
Organization: Stephen F. Austin State University
Lines: 27

Path: titan.sfasu.edu!z_stuadr
From: z_stuadr@titan.sfasu.edu
Newsgroups: rec.radio.cb
Subject: Request for part 95
Message-ID: <1996Jan29.141710@titan.sfasu.edu>
Date: 29 Jan 96 14:17:10 CST
Organization: Stephen F. Austin State University
Lines: 18

Greetings to all

I would appreciate it if any body could point me to a web site that contains
the following: Title 47 chapter 1 subchapter D part 95.
The above is the Code of Federal Regulations relating to general moblie radios.
It also contains the rules for CB radios. I have searchd serval web sites
including Cornell Law School's website. I would like to download part 95 of
the regulations in its entireity.

A footnote to this request. It sure is easy to find part 97 which is the rules
for amatuer radios. Their must be a lot of ham operators on the internet.

Please help if you can. Thanks in advance.

David Stua
Stephen F. Austin University
Nacogdoches, Texas
CB handler is "Dogstar"
```

1470. HRO-600 and Eddystone 1837 HELP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: radiomatt@aol.com
Message-ID: <4ejm1t$p1i@newsbf02.news.aol.com>
Source record: 206492

I have a National HRO-600 which has VFO(tunable plug-in) problems; need an extender board or cable to be able to get to it while powered up. Can I buy or rent such a piece?

My Eddystone 1837 solid state receiver needs work; is there anyone in US who works on these? How about Canada or UK?

1471. Re: Advice-Yeasu FT-8500

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: Stephanie Steele <kc7dba@primenet.com>
Message-ID: <310DB1E0.1BFD@primenet.com>
Source record: 206493

Gary Coffman wrote:
>
> In article <4egg7h$p3h@ixnews4.ix.netcom.com> epapd@ix.netcom.com(Paul S. Ewing)
writes:
> >I'm thinking about buying a Yeasu FT-8500 dual band
> >mobile. Anyone out there have any strong likes/dislikes/problems
> >with this radio??
>

I too did not like the FT-8500 with the "Mr. Potato Head" mic. I ordered
the version with the MH/39 mic and love it. I found it easier to operate
than the 'potato' version and the audio quality better than the
Standard. Programming the radio is a snap with the ADMS-II software kit
which runs in Windows and just somewhat annoying from the mic (I hate
buttons). I did not find the Standard any easier to program from the mic
and they do not offer any software option. Operation is easy with most
commands being one button and no knobs sticking out anywhere on the mic.

Stephanie KC7DBA

1472. WTB: Yaesu FEX-767-6 Module

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: jsbraun@vivanet.com
Message-ID: <4ejfut$695@vivanews.vivanet.com>
Source record: 206494
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

I am looking for a Yaesu FEX-767-6 Module. (this is the 6 meter module for the FT-767GX)

If you have or know of one being available please forward me the information.
I can be reached at (716)367-9826 or via e-mail at: jsbraun@vivanet.com

Thanks / 73's
de Scott
KB2GWF

1473. Timewave DSP-599sz

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: cleveland@interramp.com
Message-ID: <4eiikv$8ks@usenet7.interramp.com>
Source record: 206495

Does anybody know anything about the new Timewave DSP unit that is
hitting the market?

Bill
KR4TZ

1474. Yaesu FT-51R for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: jpss@interaccess.com
Message-ID: <jpss-2901962120440001@d142.tp.interaccess.com>
Source record: 206496

For Sale 1 brand spanking new in the box, never opened a Yaesu FT-51R
dual band 120 channel FM transceiver.
I have no use for this cute little HT. Was given as a gift.

Asking $420.00

If interested please e-mail me for more info. Thanks

1475. FS: 2m allmode w/PS $350

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: jsbraun@vivanet.com
Message-ID: <4ejg8j$695@vivanews.vivanet.com>
Source record: 206497
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

I have for sale a Kenwood TR9000 2 meter allmode Mobile Transceiver with the matching PS20 power
supply.

This is a compact Transceiver (measures 6.75" x 9" x 3"), with features include: Memories, Scan, Dual
VFO's, and outputs of 1 watt / 10 watts.

All in excellent condition with manuals.
I am asking $350 for the package.

Reason for selling is that I recently purchased aHF Transceiver with 2 meters built-in.

I can be reached at (716)367-9826 or via e-mail at: jsbraun@vivanet.com

Thanks / 73's
de Scott
KB2GWF

1476. SSTV source CODE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: triack@fred.net
Message-ID: <triack-2901962340460001@triack.fred.net>
Source record: 206498

looking for any source code for sstv

thanks
N3VTV
John Stalnaker

1477. Re: Yaesu FT-10 & FT-40

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: otterson@mindspring.com
Message-ID: <4eh7ot$13qc@stealth.mindspring.com>
Source record: 206523

Bill Dorsey <dorsey> wrote:

>The FT10R _does not_ have an SMA antenna connector. Whatever type of
>connector it uses is totally non-standard, and contains no provisions
>for connecting ground. This makes the radio totally useless with any
>kind of external antenna. If you can live with this limitation, it's
>probably a fine radio. The FT-40 uses the same antenna connector as
>the FT-10.

Ahhh, yes. Another person who tells it like it is not.

After I read this article, I took my FT-40 down into my shop, and screwed a SMA adaptor on to it, attached a Diamond RH77 (long duck) to the adaptor, and proceeded to have 3 QSOs through 3 different repeaters, none of them any too close by. Maybe Bill is confused by the gender of the connector, since the radio has a SMA *male* connector on it.

WRT the intermod issue, I brought the FT40 to the top of a tall building in downtown Atlanta, where the UHF side of my FT530 is completely useless, and was able to use a distant, weak repeater with few problems. There was some front end overload, but it did not render the radio useless. The only radios that I have noticed no front end overload/intermod up on that building is a Johnson commercial HT that I have, and a Motorola Systems Sabre that belongs to a friend of mine. So for a under $500 HT, I would say it performs quite well....

>I have both a FT-11 and FT-41. I have had no problems with intermod
>on the FT-11, but the same does not hold true for the FT-41, which is
>fairly susceptible even with the factory antenna! If the FT-40 shares
>receiver circuitry with the FT-41 (as I suspect), I'd be wary about
>buying it if you live in a "tough" intermod area.

>--
>Bill Dorsey, N3LMF
>dorsey@engr.sgi.com

Jeff Otterson
---
otterson@mindspring.com
Maker and user of tools
PGP key available at http://www.mindspring.com/~otterson/pgp.htm

1478. Help! Ten-Tec OmniVI / PK-232 Audio Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: KA1SIE
Message-ID: <4eh6d6$eco@sundog.tiac.net>
Source record: 206524

I have a Ten-Tec Omni VI and a PK-232. When the PK-232 is interfaced with the radio, I have audio distortion on SSB. I have heard of this on Kenwood radios before. CAN YOU HELP????

tnx 73 de Chris KA1SIE
cgaron@tiac.net

1479. Re: Sound baord as a AF signal generator?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: mcovingt@ai.uga.edu
Message-ID: <4ehavp$m5c@hobbes.cc.uga.edu>
Source record: 206525
Cross-posted to: rec.radio.amateur.equipment,sci.electronics.equipment

Bob Smith (rsmith@internetmci.com) wrote:
: Need a AF signal generator - have the above any one use this as such.
: Would like a higher Z output any ideas on stepping up the 16 ohm output?

Why do you want a higher-impedance output? You can always drive a
high impedance load from a low-impedance source. The output impedance
of a signal generator is normally as low as possible.

--
Michael A. Covington http://www.ai.uga.edu/faculty/covington/
Artificial Intelligence Center <><
The University of Georgia Unless specifically indicated, I am
Athens, GA 30602-7415 U.S.A. not speaking for the University.

1480. Any comments on Alinco DJ-F1T/HP or Kenwood TH-22AT(5W)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: blancast@vt.edu
Message-ID: <4ehe63$kfi@solaris.cc.vt.edu>
Source record: 206526

I just became a ham, and am looking for a handheld two meter radio. I have looked at these two, and I am leaning toward the Alinco because it is cheaper. Any comments are welcome. Thanks Beth

1481. Re: IMD resistant rigs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: ghansen@accessone.com
Message-ID: <ghansen.588.310C238C@accessone.com>
Source record: 206527

>daniel@pandora.lugs.po.my (Daniel Wee, 9V1ZV) wrote:
>>Can anyone recommend a good IMD resistant rig for 2M (and
>>possibly dual bander with 70cm)

Recently I purchased an Icom 281. Woof! Nice radio but the intermod made it useless here in my rf poluted area. Sent it back and got a Yaesu FT-2500M. Wow, not trace of intermod! I wouldn't hesitate to recommend it. The Jan 95 QST has a good review of a number of 2 meter mobiles that you might want to read.

Glenn - KB7PKC

1482. Re: "Fleaspeak" (understanding flea market speech)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: keithw@bctv.com
Message-ID: <QdFDxwUN3DnK086yn@bctv.com>
Source record: 206528

In article <mwhite-2601961330180001@m14494-mac.mitre.org>,
mwhite@mitre.org (Michael White) wrote:

["Sorry, cash only. No checks." (Translation: It doesn't work.)

A better translation is "You sure look a lot like the guy who wrote me that bad check last year. And even if that wasn't you, the hamfest organizers doubled the fee this year and I need cash to buy lunch and gas for the trip home!"

--

==========
Keith Wood TV-18 News anchor (Camp Verde AZ)
Host/Producer, The Computer Program, FLYING TIME!, and Infinity Focus.
Gunsite (Orange) alumnus, Team OS/2, Parrothead, N7JUZ, AZ0237 but not a number (I'm a FREE MAN!), creator of FIRE TEAM and HERO SEEKER

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==========

1483. Re: Connector Insertion Loss

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: cunliffe@frontiernet.net
Message-ID: <4ehcb5$e6i@cheatum.frontiernet.net>
Source record: 206529

rst-engr@oro.net (Jim Weir) wrote:

>>snip>>>>>

>> A BNC connector with RG213 is mechanically not a good idea.
>Neither is carrying ten tons of bricks in a Honda. BNC wasn't
>intended for use with RG-213 (or RG/8 as it was formerly known). If
>you are going to use 213, then the N-connector at VHF is the series of
>choice. BNC was intended for RG-58 and with adapters, RG-214. If you
>want to use BNC and 213, then I recommend N-BNC between-series
>adapters.
Many connector mfg. have BNC connectors specificly made for RG-8
series cables. The BNC connector is usable to >>5 GHz according to
Kings.(a connector mfg.)

==========
John R. Cunliffe N2NEP
cunliffe@frontiernet.net
http://www.frontiernet.net/~cunliffe

1484. Mods for Kwd TS-60

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: bill@wingsbbs.com
Message-ID: <4ehg0v$535@news.paonline.com>
Source record: 206530

I'm looking for a mod for the Kenwood TS-60, to get the transmit &
recieve to the 47 mhz area, for local Red cross service.
Thanks and 73
Bill N8VWI

1485. Re: IMD resistant rigs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: "Dana H. Myers" <Dana.Myers@West.Sun.Com>
Message-ID: <4ehine$rrk@abyss.West.Sun.COM>
Source record: 206531

daniel@pandora.lugs.po.my (Daniel Wee, 9V1ZV) wrote:
>Can anyone recommend a good IMD resistant rig for 2M (and
>possibly dual bander with 70cm) I noticed that Kenwood rigs
>are particularly bad. Is this a valid observation? How do
>other makes compare? Thanks.

(Hello Daniel!!)

I've been using an Icom IC-2000H for the last year, and it seems to live up to the promise of the advertising. It is quite good; I have taken it to dense RF radio sites and experienced only very minor intermod. Having used an Motorola MCX-100 in the same application for a year preceeding the IC-2000H, my standards are probably pretty high (the MCX-100 has six sections of helical resonator, a high level RF amplifier and a diode mixer in the front end); the IC-2000 is almost as good.

The Yaesu FT-2500 seems to be comparable.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *

1486. FS: TI C5x DSP Starter Kits (DSKs)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: cole@netcom.com
Message-ID: <coleDLxDon.JIG@netcom.com>
Source record: 206532
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

I have several TI 320C5x DSKs (DSP Starter Kits) for sale. The TI part number is TMDS3200051. They are all brand new and have never been opened.

These kits are designed for students, experimenters, and developers who need a simple, low-cost way to prototype DSP-based applications for the TI 320C5x series of DSP chips. The kit includes a small (2.5" x 4") PC board with a TMS320C50 processor, a TI Analog Interface Circuit (AIC) chip with 14-bit A/D and D/A capable of sample rates to 19.2 K samples/sec, RCA jacks for analog I/O, and a 9-pin RS-232 host interface. The kit also includes a simple assembler, loader and debugger for the PC, a kit manual and a TMS320C5x manual.

The latest versions of the software as well as several user-written demo programs can be downloaded from the TI BBS, accessible via TI's FTP host ftp.ti.com, in directory /mirrors/tms320bbs. The board requires a 9 volt *AC* power supply capable of >250 ma. A 9 VAC 780 ma supply with the right plug is available for $8.99 from Radio Shack (Part # 273-1630).

TI sells these through distributors for $99, and purchasing them through distributors can be a hassle. I'll sell them for $60 each shipped within the US. Terms: Price is firm. The units are guaranteed against DOA. Immediate shipment if payment is by USPS or other money order or cashier's check. Personal checks are OK but I'll wait for them to clear. No CODs, please.

Randy Cole
KN6W
cole@netcom.com

1487. Re: Extended Frequency Mod For Yaesu FT-1000MP???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: Dusty Veideman <veideman@junction.net>
Message-ID: <4ehtfb$nn1@felix.junction.net>
Source record: 206533

frede@microsoft.com (Fredric J. Einstein) wrote:
>
> Could anyone in the know please post any mods for the Yaesu FT-1000MP?
> I would assume that there's a mod available for out-of-band transmit,
> but I haven't seen it yet.
>
> Thanks!

you could try: ftp://ftp.qrz.com/mods
>
> the ft-1000 mod is there.
good luck.....

>

1488. TS520S SERVICE MANUAL NEEDED

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: "Thomas L. Gaines, Sr." <tgaines@datastar.net>
Message-ID: <4ehtgd$8q9@alterdial.UU.NET>
Source record: 206534

I am posting this for a friend who just purchased a 520S at a swap meet.

Please contact me for price and shipping.

Tom Gaines N5ISE

1489. % Wanted Ded/Alive KWND TS440S %

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: CBAX63A@prodigy.com
Message-ID: <4eic4t$rv4@usenetp1.news.prodigy.com>
Source record: 206535

SUBJECT: % Wanted Dead/ Alive KWND TS440S %
Will pay cash and shipping for KENWOOD TS-440S/AT in any WORKING
condition. Cosmetic looks not important!
-
ROLAND S GETER SR
CBAX63A@prodigy.com
800-399-4383 x765 24hrs

1490. Re: IC 735

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: Owen Adair <owen.adair@turner.com>
Message-ID: <310CEB88.5B0@turner.com>
Source record: 206536

Jim H. VanHorn wrote:
>
> IC735,AT150,Ps 50 and ISO loop 10-30 are gathering dust in my
> condo would be glad to see them in hands of worthy ham. E mail your
> interest.
> 73 jim N4TFJ

$500 for the 735. I ship.

Owen Adair WD4FSU owen.adair@turner.com
Turner Broadcasting System Atlanta, GA

1491. PRODUCT REVIEW: ProGold and DeoxIT, CAIG Laboratories

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: mc@shore.net
Message-ID: <4eieda$q1@northshore.shore.net>
Source record: 206537
Cross-posted to: rec.radio.amateur.equipment,rec.antiques.radio+phono

PRODUCT REVIEW: ProGold and DeoxIT - CAIG Laboratories, Inc.

One of the most difficult areas of electronic equipment maintenance and restoration is cleaning and preserving electrical contact points. As these component surfaces and areas become dirty and eroded due to friction, wear, arcing, etc. Switches and relays are difficult to replce both from a logistic standpoint as well as the actual installation of the new part.

Over the past few months I have been engaged in rejuvenating several old pieces of amateur and military pieces of radio equipment. These include a Johnson Viking I transmitter, a Collins R-390 receiver, a Collins KWM-2A transciever and a rare RS-6 "spy" radio set from the Cold War 1950s. All these radios are valuable and getting hard to find. The above five pieces were all in excellent cosmetic condition, unmodified and clean. They all had something in common: switches and relays would be hard to find and difficult to replace.

Good electrical contact is paramount in these older receivers and transmitter circuits - degraded or non-performance can often be traced to dirty, corroded intermittant electrical contact. CAIG Laboratories in San Diego CA produces a line of chemical products to clean and condition electrical contacts. I used CAIG's ProGold and DeoxIT for these valuable pieces of old radio equipment for my personal collection and made the following observations.

Both ProGold and DeoxIT come in different configurations - spray and needle applicators at both 5% and 100% concentrations. The 5% dilutions are carried by petroleum naptha solvent which is flammable until the solvent evaporates. For applications where a non-flammable carrier is used, another fast-evaporating solvent is available. Some of the confgurations offer metered short bursts - after all the stuff's too good to waste!

I personally prefer to use anhydrous isopropyl to clean contacts so I used the 100% concentration in the 25 mL needle applicator to condition and deoxidize. For quicker jobs the spray would also be useful in tight places. I used both DeoxIT and ProGold in my rejuvenations - depending on what kind of contact I wanted to restore. I used ProGold for plated surfaces because it deoxidizes and cleans surface crud, but more important, it penetrates plated surfaces and its molecules actually bond to those of the base metals. I also use it to enhance connctions between similar and dissimilar metals such as gold, copper, silver and other metals.

Many of these older pieces of equipment have carbon potentiometers. Solvents are not advisable to clean carbon pots - most of the time these controls and their contacting surfaces only need lubrication to extend their life. I used 100% concentrate ProGold, turning the pot several times to distribute

the chemical. I was impressed with the results - noisy, scratchy pots greatly improved. I plan on applying ProGold once a year to try to maintain their performance as-is. I used DeoxIT for general purpose contact treatment. A little goes a long way.

My findings are that these products are useful for restoring older radio equipment without concern that they contain anything that will do damage. I certainly plan on keeping both ProGold and Deoxit in the front row of radio service and maintenance supplies.

%T ProGold and DeoxIT
%I CAIG Laboratories, Inc.
%C 16744 West Bernardo Dr., San Diego CA 92127
%D 619-451-1799 fax: 619-451-2799
DeoxIT and ProGold both available from
the manufacturer and selected retailers

(C) 1996
Michael Crestohl
Nahant Massachusetts USA
mc@shore.net

DISCLAIMER: I have no interest, financial or otherwise, in the success or failure of the book or materials reviewed herewith, nor have I received any compensation (other than a review copy requested by me) from anyone who has. All opinions expressed are strictly my own.

Other Internet and Aviation book/software reviews by me can be obtained by anonymous FTP from: x2ftp.oulu.fi in the /pub/books/crestohl directory.

1492. FT 767 Extended Rx/tx Mods Anyone ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: micio <myaddress@myserver.mylocation>
Message-ID: <310D5203.435B@myserver.mylocation>
Source record: 206538
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amatuer.misc

Hi,

I got a Yaesu FT 767 GX, with 144 Mhz unit. It's a good rig, expecially for
the coverage of all bands.
The 2m unit works till 145.999.
My question is: how to extend till 147.999 ?
The same problem is on the other unit (430 Mhz)!

It's also possible to extend TX capabilities ?

Thanx for help in advance.

1493. Re: suggestions wanted for good straight key

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4eiii6$c63@mksrv1.dseg.ti.com>
Source record: 206539

Most major and many minor ham radio equipment dealers sell Nye Viking straight keys. They're reasonably priced and will literally last forever in normal service. You will not go wrong with one of their keys.

Fair Radio Sales often sells surplus WW-2 J-38 straight keys, sometimes used, sometimes new. This is the ultimate "classic" straight key, and will definitely last forever even in harsh service. They go for about $30 for a new unused one. Definitely a good key.

Watch the hamfests and swap meets too.

Good luck and 73 from a dedicated CW buff!
Dean KC5NG

1494. Re: WTB:Cheap Keys

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4eihu9$c63@mksrv1.dseg.ti.com>
Source record: 206540
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

I have a WW-2 U.S. military J-47 straight key for sale,
in decent shape, a little normal wear, but no damage,
for $25 postpaid. This is a solid key, no frills, and
in working order.

E-mail me if you want it.

73!
Dean Hemphill, KC5NG
QRP%mimi@magic.itg.ti.com

1495. Yaesu FT767 Extended RxTx Mods Anyone ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: asmartuser <myaddress@myserver.mylocation>
Message-ID: <310D5515.366F@myserver.mylocation>
Source record: 206541
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Hi,

I got a Yaesu FT 767 GX, with 144 Mhz unit. It's a good rig, expecially
for
the coverage of all bands.
The 2m unit works till 145.999.
My question is: how to extend till 147.999 ?
The same problem is on the other unit (430 Mhz)!

It's also possible to extend TX capabilities ?

Thanx for help in advance.

E-mail: mcimato@snefru.comm2000.it

1496. Re: Heath HW101 Questions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4eij1p$c63@mksrv1.dseg.ti.com>
Source record: 206542

In article <1771BA645S86.TJB94002@UConnVM.UConn.Edu>, TJB94002@UConnVM.UConn.Edu says...
>
>I just paid $200 for an HW101 Heath transceiver. I expect to listen until
>I get my ticket then be able to transmit. I have the following questions;
>1. Was $200 a good price?

$200 is too much, IMHO, depending on what came with it (mic? filter? spkr?)

>2. Any comments in general about the unit? Anything I need to look out for
>?

Reputation for good audio on SSB. Optional CW filter is excellent performer.
VFO difficult to align, and usually needs it. 6HS6 tubes don't last long and
are getting hard to come by.

>3. I went through the alignments but can't seem to get the VFO dial to cent
>er.
>Its calibrated but the 500KHZ line is right at the hard stop. Any comments
>?

This is not an easy task. You have to keep after it. Follow the alignment
procedure in its entirety, don't just try to do part of it. Sorry to say,
you'll wear out your fingers and wrists spinning that VFO dial back and
forth over and over, and there's a likely chance that you'll never quite
get it just right. Get it as good as you can, and live with it.

>4. There is about 2KHZ backlash in the VFO drive. What can I expect? Is the
>re
>any information out there about Jackson drives? Who made them? Are there an
>y
>comments about reducing or eliminating the backlash?

Sorry to say, the drives are sloppy when new, and get worse with age. I am
not aware of a supplier for them, but they're reasonably easy to locate on
the used parts market. Look for someone parting out a HW-101 (there are
plenty of them around).

>5. Are there any receiver mods out there?

There are a number of mods for the HW-101 over the years. Search through
the Annual Index of QST and other mags from about 1970 through the early
1980s and look for ideas, including Hints-N-Kinks.

>6. Are there any simple 160m to 80m converters out there?

No experience here. Look in older ARRL Handbooks, QST, Ham Radio, CQ, 73,
and other radio publications for 160m transverter projects.

>Thanks.

You're welcome. Good luck with the HW-101. When properly aligned, cared for, fed, and nurtured, they will serve well.

I have restored about a dozen of them over the years.

73 de KC5NG

1497. Re: "Fleaspeak" (understanding flea market speech)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4eij4c$c63@mksrv1.dseg.ti.com>
Source record: 206543

In article <MOODYM.96Jan26073246@eltanin.ksc.nasa.gov>,
moodym@eltanin.ksc.nasa.gov says...
>
>This was great. I was sitting here and giggling and laughing.
>I have personally been on both ends of the conversation.

Me too!

This is much more enjoyable reading than listening to (I mean,
reading about) people griping about some commercial dealer on
the newsgroup, or whining about whatever.

A little humor goes a LONG way!

1498. FT-990AC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: cowanr@isma8.monmouth.army.mil
Message-ID: <5A91E22E@MHS>
Source record: 206544

Hello net.

I need any information you can give me on the above rig.
The only thing I know is that its a Yaesu.

Thanks
Roland WF4P/AAR2AA

1499. Did QST Review the Yaesu FT-840?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: sgray@mail.microserve.net
Message-ID: <4eiqls$7kq@nuclear.microserve.net>
Source record: 206545

Does anyone know if QST reviewed the Yaesu FT-840? It is one of the rigs that I am considering, and such a review would (naturally) be of great help.

Of course, if anyone would care to pass along their hands-on experience with the rig, it would be appreciated!

Thanks!

---Steve Gray
nr3b
sgray@ugly.microserve.net

1500. FT 767 Optional Unit: help on buying

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: asmartuser <myaddress@myserver.mylocation>
Message-ID: <310D5A01.5019@myserver.mylocation>
Source record: 206546
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Hi,

I got a Yaesu FT 767 GX, with 144 Mhz unit. It's a good rig, expecially
for the coverage of all bands.
I was looking for the other units:
430 Mhz unit
50 Mhz unit
FTE-2 tone unit
FTS-8 CTSS unit
I would like to know how to find them, since Yaesu Europe doesen't have
this spare parts !

Thanx for help in advance.

E-mail: mcimato@snefru.comm2000.it

1501. For Sale: Icom R-7000 & R-1

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: Kevin McGuirt <kmcguirt@mindspring.com>
Message-ID: <310CF272.4FB6@mindspring.com>
Source record: 206547
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

I have both an Icom R7000 with the TV-R7000 TV receive adapter ($1,550) and an Icom R-1 with extra capacity battery pack ($350) for sale. Both are 1.5 years old. Please e-mail me if interested.

73,
Kevin McGuirt
KK4AG

1502. Chip set for SSB Short Wave Transmitter/Receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: bill@survival.demon.co.uk
Message-ID: <822925660.1486@survival.demon.co.uk>
Source record: 206548

Chip set for SSB Short Wave Transmitter/Receiver

I am initiating a new design for a SSB Short Wave Transmitter/Receiver operating at 4.005 Meg. A chip set is required to form the base of the design. Pre production prototype is scheduled for completion June 96.

Would be grateful for any information or help.

1503. YAESU FT207R manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: Jean-Luc.Lorriaux@IEMN.Univ-Lille1.fr
Message-ID: <Jean-Luc.Lorriaux.3.0010781E@IEMN.Univ-Lille1.fr>
Source record: 206549

[No readable article body recovered]

1504. Re: RG-217 Coax

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: Tom Pfaffenbach <tvpfaffe@mail.delcoelect.com>
Message-ID: <4eilo0$d1q@kocrsv08.delcoelect.com>
Source record: 206550

RG-217 IS EXCELLENT CABLE. IT IS 50 OHM DOUBLE COPPER BRAID SHIELDED, 30PF/FT WITH A SINGLE STRAND NOMINAL AWG #10 COPPER CENTER CONDUCTOR. IT IS RATED AT 7000 VOLTS MAXIMUM BETWEEN C.C.
AND SHIELD. 73 de K9JDU

1505. NEED Speech board/TS440

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: ECW@ssd.ray.com
Message-ID: <DLy1M5.I49@ssd.ray.com>
Source record: 206551

I am looking for a speech board VS-1 or VS-2 for a Kenwood TS440

Thanks ECW@ssd.ray.com

1506. Re: Yaesu 757, 757GX, 757GXII

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: rayc@tcd.net
Message-ID: <N.012996.102405.94@tcd.net>
Source record: 206552

I have a 757GX that is still in the box I sent it to Yaesu in. They sent it back with a note saying that it was not "economicially repairable". The band diodes are the problem. After fixing it several times myself I got frustrated and sent it to them... I am now the proud owner of a TS-50 w/AT50... Still miss the receiver in the 757GX though... Might fix again.

Ray D. Congdon N7HQK
ISA-USA
5515 N. 4400 W.
Cedar City, Utah 84720

1507. Re: 757GX Sideband Switch Mod? Anybody done it?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan29.152229.13281@ke4zv.atl.ga.us>
Source record: 206553

In article <4egj2f$5qo@vista.hevanet.com> "Michael G. Reiney" <mreiney@hevanet.com> writes:
>I have a Yaesu FT757GX on a remote base. The stupid thing uses a hard switch to
>select sidebands. Can't switch it by remote. And it doesn't auto-switch with band.
>Has anyone modded the thing to auto-select the proper sideband?
>
>I thought about sticking a PAL reading in the mode switch and band to output proper
>sideband select. Problem is that the signal levels are 8 volts, GAL20V8 is 5 Volts.
>I could get the PAL shoehorned in, but no room for level shifters and voltage
>regulators.
>
>Any ideas?

Sure, just use a pair of reed relays to select the sideband and steer the coils with diodes off the bandswitch. Simple is usually better. This isn't so complex that you need to throw a PAL or microprocessor at it. Just diode OR 80m and 40m to the LSB relay coil, and diode OR the rest to the USB relay coil and you're done. Suitably tiny reed relays that'll work off 8 volts are easy to find.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1508. Re: Sound baord as a AF signal generator?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-29 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan29.153320.13373@ke4zv.atl.ga.us>
Source record: 206554
Cross-posted to: rec.radio.amateur.equipment,sci.electronics.equipment

In article <310C0FC3.2235@internetmci.com> Bob Smith <rsmith@internetmci.com> writes:
>Need a AF signal generator - have the above any one use this as such.
>Would like a higher Z output any ideas on stepping up the 16 ohm output?

You can step up the impedance with an audio transformer if you need a
power match. That's seldom the case with a signal generator, however.
Normally you'd just bridge off the low impedance source with *build out*
resistors, IE you want a 10,000 ohm source, you put a 5k resistor in
series with each of the output leads. To the load, it looks like a 10k
source. (Or if you want unbalanced, just put a 10k resistor in series
with the hot lead.) You can use several sets of build outs off the same
low impedance source and they won't interact or load down the source
to a noticable degree if the build outs are at least 100 times greater
in value than the source's output impedance.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1509. TS 440 Sat

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: "Homer E. Franks" <hfranks@bihs.net>
Message-ID: <4ekm5i$2o1@brazos.bihs.net>
Source record: 206355

for sale a kenwood ts440 sat with voice synthesizer and all the filters
for sideband and cw. Very clean witha ps 53 power supply ----price
$995.00

1510. Re: 82 Repeater in Kansas City

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: rob@pe1chl.ampr.org
Message-ID: <DLzM4E.AJ2@pe1chl.ampr.org>
Source record: 206356
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc

In <310B8C36.5D9@magnum.wpe.com> Eddie Caffray <caffraye@magnum.wpe.com> writes:

> On the 146.85 repeater here in Central NY we had trouble with one user also. He made it that
>no one would even monitor the reapeater anymore. The club voted to ban him and we did. The
>reapeater is a great place to be again.

How do you manage to effectively ban malicious users from a repeater?
Of course this problem is known all over the world, but at least over
here we have not yet found an effective way of stopping them. How do
you do that?

Rob
--
+------------------------------------+--+
| Rob Janssen rob@knoware.nl | BBS: +31-302870036 (2300-0730 local) |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+------------------------------------+--+

1511. Re: R7100 Modification

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: username@exis.net
Message-ID: <4ek51g$chl@grouper.Exis.Net>
Source record: 206357
Cross-posted to: uk.radio.amateur,rec.radio.shortwave,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,alt.radio.scanner,alt.radio.scanner.uk

In article <4ejqb8$6e5@news.ios.com>, . says...
>
>Ever since ICOM decided to delete the 800 - 900 MHZ coverage from its IC-R7100
>receiver,
>older R7100's demand premium prices on the used market. ICOM insisted that the
>R7100 was
>now made in two versions, one for the general public and another (with 800-900
>coverage) for
>government and law enforcement agencies. The extended coverage version also sells
>for $200-$300 more! Per discussions with ICOM there were very clear that this was
>done to comply with
>legal requirements that prohibit new scanners from be capable of receiving
>cellular telephone
>transmissions. My opposition has always been why we should be penalized if we want
>to listen to
>local law enforcement agencies within the 800 MHz band. Personally, I have no
>interest in
>listening to cell phones when a receiver as competent as the R7100 opens up almost
>2 ghz of
>spectrum.
>
>I recently noticed that Grove now offers the R7100 with "restored" coverage so I
>set out to find
>out how it was done. Performing the following procedure will allow you to listen
>to local law
>enforcement with the 800-900 mHz portion of the spectrum. Remove the screws that
>hold the top
>cover and disconnect the speaker. Next, remove the two flat head screws that hold
>the metal
>shield covering the rear of the front panel.. On the rear apron, remove the two
>screws that hold
>the upper chassis to the lower chassis. Finally, remove the antenna cable that is
>connected to the
>circuit board assembly in the rear right corner of the R7100. Referring to the
>owners manual,
>CAREFULLY separate the upper half of the receiver, inverting it, setting it beside
>the radio as
>illustrated in the owners manual. Be careful not to pull on the cables that
>connect the upper
>portion to the lower half of the radio. In the front of the owners manual there is
>a small paragraph
>that explains the various jumper options for the R7100's CI-V interface options.

>It's on this board
>that the modification is done. The board is located behind the "M-SET" switch. The
>jumpers are
>actually circular pads, split vertically. A drop of solder constitutes a jumper -
>no solder = no
>jumper.
>
>Locate jumper "A6" as illustrated in the owners manual. Above "A6" you'll see a
>small ball of
>solder. Using solder wick, CAREFULLY remove the solder, exposing the split
>circular pad
>beneath. The space between the pads is very small so be sure to remove all the
>solder. Reassemble
>the radio and you're done!
>
>Blackshadow
>

Many thanks my friend who ever you are. I am curious to know who "Grove" is that you mention. Could you comment on this? I am in the Two-way radio service business and have need of this blocked range of frequencies to monitor for interference . I thought for a while I was going to have to resort to a R9000 which is awfully expensive. Again many thanks. I would like to hear from you here or on my E-Mail chinkle@exis.net

1512. Re: Grounding problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4el6e4$8tc@newsbf02.news.aol.com>
Source record: 206358

>Use of large (>1" wide) flat braid out the window to a ground rod may help
>in your situation. The braid will have less inductance.

Braiding is great at DC, but it is terrible for RF or lightning grounds.

Since both lightning and RF follow the surface of the conductor, braided or woven wires force lightning or RF along a lossy roller-coaster ride of hundreds or thousands of pressure connections. The RF or lightning path is not only longer, it has lossy pressure connections where the current moves from one strand to another at each weave!

Braiding is great for car battery and power supply wiring, but it's much better to use flashing for RF and lightning protection. If you have to use a flexible wire, use stranded wire with minimum amount of twist.

73 Tom

1513. Re: Yaesu FT-840 Comments?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: jbmitch@vt.edu
Message-ID: <4el8f7$f98@solaris.cc.vt.edu>
Source record: 206359

In article <DLrruJ.BM0@mv.mv.com>, kingbp@ka1fqt.mv.com says...
>
>I'm looking for comments on the performance of the Yaesu FT-840.
>
>What is the noise floor on its receiver? How good is the receiver
>under noisy and/or crowded conditions?
>
>How does its SSB audio signal sound? How does its CW signal sound?
>
>What is its duty cycle?
>
>Are there any known problems or quirks with the unit?

HI, just thought I'd throw in my $.02 on the ft-840...

Bought one last summer for use as an economical mobile. It has given good service in that capacity. I did take it portable to the beach with a DC linear amp, and had some good results there...

I'd say the receiver is above average, in terms of quietness and sensitivity. I did not use it in any contest environment, nor have I tried it on CW. I like the display, control layout, and size of the unit. I do not like the lack of an RF gain control; if noise levels are high I can't reduce signals enough to make copy pleasant. All you can do is kick in the attenuator, which doesn't do it....

I don't know what the duty cycle is, but the RF section looks a little meager in the schematic (one transistor, where most designs use two...)

TX audio is fine, once you replace the hand mic (I bought a Heil HC-5 element for 25 bucks and (carefully) soldered in place of the standard Yaesu element in the hand mic - works vy well)

In all, I think if I had it to do over, I'd pass up the 840 and go for the IC-706, but it wasn't available then. I'd still recommend the 840 for mobile/portable applications, but don't think I'd want it for my main rig.

John

1514. Sony ICF-2010 AGC problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: jwa@tellabs.com
Message-ID: <1996Jan30.131300.25049@tellab5.tellabs.com>
Source record: 206360

In order to clear up the Sony ICF-2010 A.G.C. problem, I prepaired
this file

The Agc is in the I.F. stage and that's where the problem originates.

********** * = stock filter bandpass
* x | x * x = narrow filter bandpass
* x | x *
ICF-2010 * x | x *
455 KHz I.F. --> * x | x *
USB | LSB

I.F.
Center Frequency
455 KHz

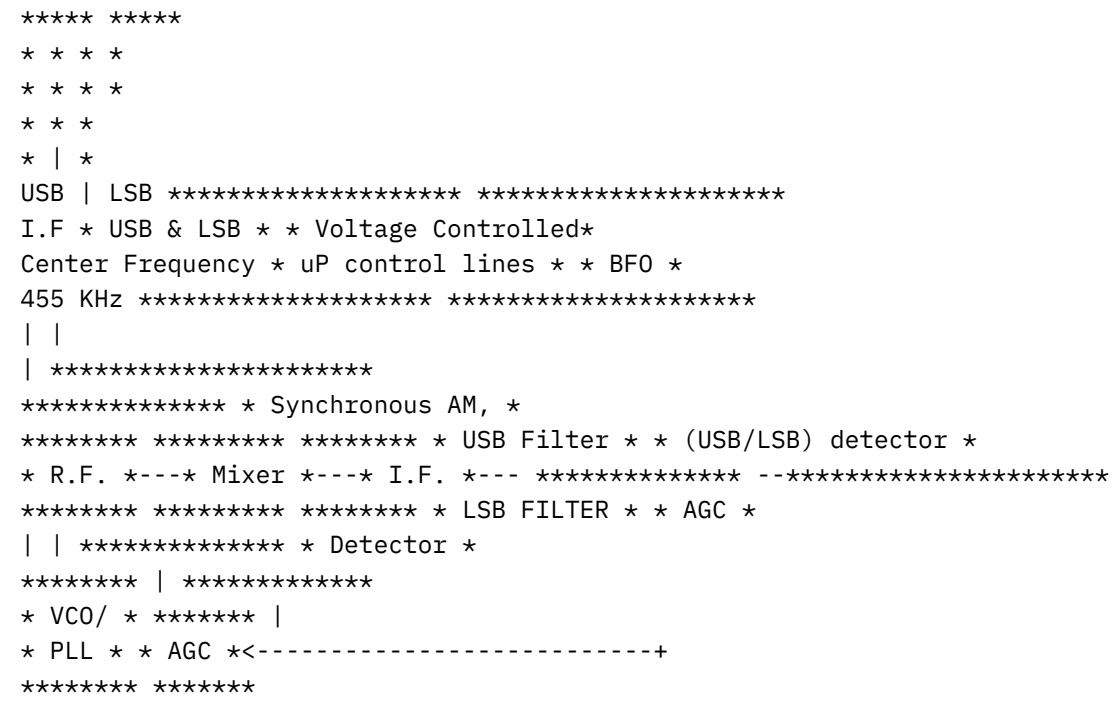
The problem (as shown above) is caused by the Sony ICF-2010 I.F. bandpass
filter that passes signals above and below the I.F. center frequency.

****
* Synchronous AM, *
******** ********* ******** ********** * (USB/LSB) Detector *
* R.F. *---* Mixer *---* I.F. *--- * I.F Filter *----------
******** ********* ******** ********** * AGC *
| | * Detector *
******** | **********
* VCO/ * ******* |
* PLL * * AGC *<-------------------------+
******** *******

The Synchronous detector, following the 2010's I.F., is used for AM
synchronous mode and for SSB reception. Using an audio phase shifting
technique it rejects the other sideband thus preventing it from entering
the speaker. During lower sideband reception, if an interfering signal
falls below the IF's center frequency, for example, it will pass through
the I.F. filter and get rejected by the synchronous detector. You won't
hear it because the radio is in LSB mode but the AGC will respond (by the
way, The mixer flips the LSB such that it appears above the I.F. center
frequency. The USB will appear below the IF's center frequency).

If you install a narrow filter that's center around the I.F. to correct
the problem, you will simply reduce bandpass and limit the audio response.
The A.G.C. will still respond if an interfering signal falls within the
frequency range of the other sideband

My scheme uses two I.F. filters that are centered above (for lower sideband reception) and below (for upper sideband reception). The filters are selected by the micro-processor using the USB and LSB control lines and PIN diodes. Therefore it only passes the received sideband and rejects the interferance.



The dual I.F. Filters are Collins Radio Torsenal Mechanic Filters ($150.00 each). The USB filter is 2.6 KHz wide tuned to 453.7 and the LSB filter is 2.6 KHz wide tuned to 456.3 KHz.

This is not a cost effective way to impliment sideband filtering. Most communications receivers use a single SSB filter for upper or lower sideband reception. The BFO frequency is changed by selecting a second BFO crystal. Shifting the BFO frequency on the 2010 would have required the re-designing the phase locked BFO that's used during synchronous detection. The circuit is heavly shielded and there's only enough room for one crystal.

Jack Albert WA9FVP (Fellow Radio Hacker)
Tellabs Operations Inc.
1000 Remington Blvd Voice (708) 378-6201
Bolingbrook, IL 60440 FAX (708) 378-6721

"I'm normal, I'm normal, I'm normal"!

From MTV's Liquid Television

1515. R7100 Modification

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: .
Message-ID: <4ejqb8$6e5@news.ios.com>
Source record: 206361
Cross-posted to: uk.radio.amateur,rec.radio.shortwave,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,alt.radio.scanner,alt.radio.scanner.uk

Ever since ICOM decided to delete the 800 - 900 MHZ coverage from its IC-R7100 receiver,
older R7100's demand premium prices on the used market. ICOM insisted that the R7100 was
now made in two versions, one for the general public and another (with 800-900 coverage) for
government and law enforcement agencies. The extended coverage version also sells for $200-$300 more! Per discussions with ICOM there were very clear that this was done to comply with
legal requirements that prohibit new scanners from be capable of receiving cellular telephone
transmissions. My opposition has always been why we should be penalized if we want to listen to
local law enforcement agencies within the 800 MHz band. Personally, I have no interest in
listening to cell phones when a receiver as competent as the R7100 opens up almost 2 ghz of
spectrum.

I recently noticed that Grove now offers the R7100 with "restored" coverage so I set out to find
out how it was done. Performing the following procedure will allow you to listen to local law
enforcement with the 800-900 mHz portion of the spectrum. Remove the screws that hold the top
cover and disconnect the speaker. Next, remove the two flat head screws that hold the metal
shield covering the rear of the front panel.. On the rear apron, remove the two screws that hold
the upper chassis to the lower chassis. Finally, remove the antenna cable that is connected to the
circuit board assembly in the rear right corner of the R7100. Referring to the owners manual,
CAREFULLY separate the upper half of the receiver, inverting it, setting it beside the radio as
illustrated in the owners manual. Be careful not to pull on the cables that connect the upper
portion to the lower half of the radio. In the front of the owners manual there is a small paragraph
that explains the various jumper options for the R7100's CI-V interface options. It's on this board
that the modification is done. The board is located behind the "M-SET" switch. The jumpers are

actually circular pads, split vertically. A drop of solder constitutes a jumper - no solder = no
jumper.

Locate jumper "A6" as illustrated in the owners manual. Above "A6" you'll see a small ball of
solder. Using solder wick, CAREFULLY remove the solder, exposing the split circular pad
beneath. The space between the pads is very small so be sure to remove all the solder. Reassemble
the radio and you're done!

Blackshadow

1516. Re: IMD resistant rigs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: dandrox@montana.com
Message-ID: <4ekmtc$ra2@maw.montana.com>
Source record: 206362

In article <4ec8mu$9rd@dobie.loop.com>, eugene@ loop.com says:
>
>> daniel@pandora.lugs.po.my (Daniel Wee, 9V1ZV) writes:
>> Can anyone recommend a good IMD resistant rig for 2M (and
>> possibly dual bander with 70cm) I noticed that Kenwood rigs
>> are particularly bad. Is this a valid observation? How do
>> other makes compare? Thanks.

Wideband is not the only issue. The problem rests in that hams
accepted the "you can't have your cake and eat it too" explanation. You
can. To over simplify this; the problem is usually solved by building a
reciever front end that is tuned by the microprossecer as the frequeny is
changed. This adds to the expense of the radio, a important issue in the
amateur market.

Commercial users require a radio capable of tuning the full range
from 136 to 174 Mhz. Marketing is simplified. Furthermore, users are
faced with frequency allocations that can be at opposite ends of the bands.
For instance, Federal agencies with allocations in the 160-170 and 136-144
range wanting mutual aid with locals in the 155 area. Wide band radios were
developed FOR comercial and governement users because they had a use for
them. Comercial and Government users also are willing to pay more than
amateurs to solve a problem they NEED solved.

Most amateur VHF gear is probably substandard. The amateur market
is driven by bells and whistles, not heavy duty and IMD rejection. There
are exceptions. When a manufacture of commercial gear goes into assembly,
it is cost effective to mass produce. Often times a radio mass produced
for sale as a type accepted commercial transceiver is marketed to amateurs
under a different model designator and control pannel. It is ironic that
the same radio guts sold to government and commercial users is sold as a
non-type acceptance amateur radio. You pay lots for that type acceptance.

Icom, Yeasu and Kenwood all make comercial radio gear. In some
cases under a different name. They also all have amateur radios for sale
that are commercial in disguise. Some if these are execellent performers.
Some radios I have experience with that meet this criteria are the
ICOM IC28A IC28H, YAESU FT2400, YAESU FT2500, KENWOOD TM251. There are
more I'm sure. I've hooked these radios up to high gain base station like
antenna in very hostile environments and havent heard a peep. In one case
a Yaesu was quiet when a Spectra in my car parked outside was making all
kinds of noise.

My point is that IMD performance is all a matter of engineering. If
your looking to buy the challange becomes researching the available gear.
QST product reviews are good. For amateur gear, look at the THIRD ORDER

IMD 10 MHZ FROM 146 MHZ figure. The higher the better. 95 DB and above is good. The second figure to look at is AJACENT CHANNEL REJECT 20 KHZ OFFSET FROM 146 MHZ. Again the higher the better. Dont settle for less than 70 Db. Current dual band radios dont seem to measure up yet. Check the QST reviews.

Dave - N7MJW

1517. Re: 82 Repeater in Kansas City

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: dbaker@mail.bcpl.lib.md.us
Message-ID: <dbaker.85.000A5CBA@mail.bcpl.lib.md.us>
Source record: 206363
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc

In article <DLzM4E.AJ2@pe1chl.ampr.org> rob@pe1chl.ampr.org (Rob Janssen) writes:
>From: rob@pe1chl.ampr.org (Rob Janssen)
>Subject: Re: 82 Repeater in Kansas City
>Date: Tue, 30 Jan 1996 09:24:14 GMT

>In <310B8C36.5D9@magnum.wpe.com> Eddie Caffray <caffraye@magnum.wpe.com> writes:

>> On the 146.85 repeater here in Central NY we had trouble with one user also. He made it that
>>no one would even monitor the reapeater anymore. The club voted to ban him and we did. The
>>reapeater is a great place to be again.

>How do you manage to effectively ban malicious users from a repeater?
>Of course this problem is known all over the world, but at least over
>here we have not yet found an effective way of stopping them. How do
>you do that?

>Rob
>--
>+------------------------------------+--+
>| Rob Janssen rob@knoware.nl | BBS: +31-302870036 (2300-0730 local) |
>| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
>+------------------------------------+--+

Technical solutions do exist. Using a "TX-ID" board, which uniquely
fingerprints each transmitter and a PC one can "slectively" include or
preclude individual users.

The board was not meant for that purpose, but with just a little Basic of C
codes, it workd just fine. It is especially easy if you have a single or
limited number of receive site.

Good luck and Have fun.

Don

Donald I. Baker
Reville Engineering Services
4619 Schenley Road
Baltimore, MD 21210-2525
(410) 467-7163
Custon Harsh Environment
Computers and RF Products
"Where no PC has gone before..."

1518. Re: In ear mic/speaker combo

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: hberg@uiuc.edu
Message-ID: <4elb1r$44v@vixen.cso.uiuc.edu>
Source record: 206364

In article <fkelcz.137.001D0BE6@facstaff.wisc.edu>,
fkelcz@facstaff.wisc.edu says...
>
>For safer driving I was considering one of the "in ear"
microphone/speaker
>combo's. Has anyone had any experience with these? Alternative for me
is the
>Yaesu YH2 speaker mike for use on my FT530.
>
>Thanks for any info.
I'd be interested in knowing more about these as well. I think there
was a thread about this a couple of weeks ago in this newsgroup, but I
missed it, except to find out there is a company that sells an
"Eartalk" speaker/mic. I'm interested in finding out about audio
quality, especially for the mic.

Steve Hilberg * /==
hberg@uiuc.edu * * x
*
"Some people are weatherwise but
most are otherwise."

1519. CB-to-10M conversion info wanted.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: sjnoll@west.net
Message-ID: <4ela1n$o7v@daffy.sb.west.net>
Source record: 206365

I've inherited an old Cobra 138XLR CB that's been converted to 10M Amateur.

It seems to work and it covers 28.487 to 28.939 MHz.

I'd like to pass it on to my dad, but he can only operate 28.3 to 28.5MHz,
so I need to lower the frequency a bit - center it on 28.4 MHz where the
local club net meets.

The rig came with no documentation - neither the original CB schematic or the
ham mod instructions.

Anyone know where I can get CB-to-10M mod instructions for this rig so I can
retune the synthesizer properly to get it where I need it?
I have the needed test equipment - counter, spectrum analyzer, power meter, etc.

Thanks & 73,

Steve J. Noll | Ventura CA | WA6EJO | IEEE | AVS | sjnoll@west.net

1520. Re: ham havoc

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: ptracy@aol.com
Message-ID: <4elbpe$b87@newsbf02.news.aol.com>
Source record: 206366

In article <4eb35p$et0@ophelia.waterloo.net>, perv@ophelia.waterloo.net
(Ben Stegner) writes:

>contact your local member of parliment or senator and strongly
>suggest that the taxes for licencing be raised greatly, we all
>can use the extra finances for worthy projects, like feeding the
>hungry children of the world.
>
>
>

It's really true. Some people have way to much free time on their hands.
Sheeesh.

1521. Info Kenwood TM455A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: bfleet@mbl.edu
Message-ID: <bfleet-3001961136560001@smac7.mbl.edu>
Source record: 206367

The TM455A 430 allmode by Kenwood has dropped drastically in price (almost half), has anyone heard any rumors of another model coming out? Possibly a true allmode that covers 430-450 and not just 430-440 as the 455A does.

1522. Re: FT 767 Extended Rx/tx Mods Anyone ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: little@pecan.enet.dec.com
Message-ID: <4ekedb$22d@usenet.pa.dec.com>
Source record: 206368
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amatuer.misc

In article <310D5203.435B@myserver.mylocation>
micio <myaddress@myserver.mylocation> wrote:

> Hi,
>
> I got a Yaesu FT 767 GX, with 144 Mhz unit. It's a good rig, expecially for
> the coverage of all bands.
> The 2m unit works till 145.999.
> My question is: how to extend till 147.999 ?
> The same problem is on the other unit (430 Mhz)!
>
> It's also possible to extend TX capabilities ?

I don't remember the exact buttons, but basically as I recall
you simply hold one of the buttons (numeric pad plus some
others on the right side of the rig) while the rig is
powered off and then power the rig on. The 2 meter module
will cover a bit more than the entire band, but I don't
think it covers 140.000-149.999. Likewise, the 70cm module
can be tweaked with a different button being held. Once
set, the radio remembers the settings between use. Note that
there are separate modules for 430 and 440 and one module
I don't believe will operate over both ranges.

73,
Todd
N9MWB

1523. Re: Advice-Yeasu FT-8500

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: username@shore.net
Message-ID: <4elqvh$iep@shore.shore.net>
Source record: 206369

In article <4egg7h$p3h@ixnews4.ix.netcom.com>, epapd@ix.netcom.co says...
>
>I'm thinking about buying a Yeasu FT-8500 dual band
>mobile. Anyone out there have any strong likes/dislikes/problems
>with this radio??
>Does anyone know if there is a mod for out of band TX?
>
>Thanks,
>Paul KB6FPR
>epapd@ix.netcom.com

I picked up an 8500 a month or so ago, and although I had trouble with it at first, I find the feature-laden mic just fine to work with.

I will admit that sometimes the knobs and buttons can get in the way of talking, especially when wearing gloves, but I just leave the mic in my lap, and can adust or activate most of the functions without reaching forward to the display or taking my eyes off the road.

The spectrum display at first seemed like a gimmick, but once I started using it, I found I wasn't jumping around to see if various repeaters had traffic on them; one press of the button shows all activity on a given 10 frequency bank. I would reccomend the remote mounting kit for mobile use. It comes with extension speaker and microphone cable, as well as the cable for the remote display. It's expensive, but it would have been a pain in the neck to install the radio without it. Also , the Windows software would be a bargain at twice the price, and is the primary reason for choosing this radio. I use similar software with my Yaesu FT-51 H/T, and can't say enough good things about it.

The MARS/CAP mod is a simple one, and the one I got was right from Yaesu.

Negative observations:

Maybe it's because I mounted the radio under the passenger seat, but the internal speaker lacks punch; I've installed a small external unit that covers both bands.

The display is great at night. The contrast can be adjusted, and there are many auto and manual backlight options, but it isn't that good in bright daylight. It's readable in any condition, but my Alinco DR 600 was better in the daylight.

The PTT button on the mic doesn't "click" in; a detent would give the operator a more positve feel when transmitting.

For all the technology Yaesu stuffed in this radio, the user cannot assign and display alpha-numeric "tags" to the autodial memories. It was very frustrating

when setting up the radio, because you can enter a 6 digit alpha name to an autodial, but you can't display it! Where's the sense in that? Numerous calls to Yeasu tech support went without any satisfaction. The last guy I talked to agreed that it's dumb to be able to assign a name to an autodial memory and not be able to recall it, but conceded that that's the way the radio is built. Doesn't make sense to me.

If you end up with this radio, you probably won't be dissapointed. After a month of daily use, I don't regret buying it. If it weren't so damn expensive, I'd probably get another one for the house. Good luck with whatever product you buy, and feel free to e-mail me if you have any specific questions.

73 de Mike, N1PQG

1524. Re: Did QST Review the Ten Tec Scount 555?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: Paul Christensen <paulc@jax.se.continental.com>
Message-ID: <4elasd$j89@usenet.continental.com>
Source record: 206370

Yes, Dave Newkirk Reviewed it a while back, but I don't recall the issue.

-Paul, N9AZ

1525. ICOM 706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: Veldman@esass.iaf.NL
Message-ID: <310e4923.esass@esass.iaf.nl>
Source record: 206371

After having followed this newsgroup for a while, I have the following questions and remarks:

1) This modification from Gary Coffman to stretch the receiving till about 200 MHz, by removing C53 and moving C153 in parallel with C152, has anyone tried this already? Did Gary try it himself already, or is it still just a computer simulation that hasn't been comfirmed in the real world?

2) Why is the fan running during receive? It shouldn't be necessary to cool the Xmtr AFTER transmissions, because the PA doesn't add heat anymore once it has been switched off, and the heatsink will only get colder, with or without help of a fan. Granted, it will cool down faster, but that doesn't prolong the life of the radio in any way. Or does the radio generate so much heat during receive that it is necessary? I'm planning to increase the value of the 'idle' resistor to get it to the point where the fan is barely running. That should be enough and reduce audible noise.

3) Some modifications in the software could improve the radio even further. The radio really NEEDS the pre-amp while listening to 2 meters, but it should be definitely switched off on 40 and 80 meters. I would be happy if I could configure the radio in such a way that it switches on the pre-amp on 2 meters, but switches it off on the HF bands. A nice fix would be if the memories of the radio 'memorize' the setting of the pre-amp for each memory channel. Same again with the compressor. I want to use it on channels where I programmed an SSB frequency, but not on memory channels where I programmed an FM frequency. Same again with the VOX. Why can't the radio memorise all this per memory channel?

The same would be true for the FM step sizes. It would be nice if you can program it to switch to 25 kc on 2 meters, and to 10 kc on CB or 10 meters.

My little Yaesu FT-51r handheld puts all information in memory channels, like X-mit power, step size, etc. I found this to be very convenient.

4) 2 meter repeater use is a disaster. If you program some repeater frequencies in a memory channel, everything works fine until you decide to listen to another repeater, and turn the main dial. After you found another repeater and want to join the rag-chewing, you press the mike, and guess what, you are still transmitting on the repeater that was programmed in the memory channel. Why can't the 'split offset' remain 600 KHz, so that the x-mit frequency follows the receive frequency with a distance of 600 KHz?

5) Using the 1750 Hz tone to open up an European repeater is too clumsy to be usefull while using the radio in the car. It would be nice to have a additional button on the mike for this, or at least a dedicated button on the rig itself. Now you have to go to the menu and search for the right menu entry. After you have finally found it, the name of the repeaters don't show up anymore (since you are not in G4 anymore). It would be nice if the 'call' button (which you don't use during Xmit on 2 meters) would generate a 1750Hz tone. In Europe, you need this 1750Hz tone so much that it deserves an easier accesible place.

6) Has anyone experience with increasing the lenght of the separation cable? I sometimes want to join late-night nets, and this would be more comfortable from within my bedroom. After I planned to wire coax cables to my bedroom, and moving the transceiver, power supply, auto tuner, etc. from the shack to my bedroom and back again in the morning, I realized that it is much easier to cut the separation cable, put some computer-alike D connectors on them, and wire just a 10-wire cable from my shack to my bedroom. This would allow me to use the 706 on either place, without the need to transport everythin back and forth except for the front of the radio, and without boring my XYL with the sound of the annoying fan of the radio (which now stays in the shack all the time!). I guess this can be done without any problems.

7) Can the main SSB filter which is 2.4 KHz be replaced with a 1.9 KHz filter? The option filter I use is a 250 Hz filter, so I don't have place anymore for the 1.9KHz option filter. If it is possible to swap the 2.4 KHz filter for the 1.9 KHz filter, I would consider to do this. I guess this filter is used also for transmitting, so I wonder what the result would be if I swap it?

Despite of some shortcomings to the software of the radio, I really like the little gem!

--

Thunderbye,
Frans Veldman

| veldman@esass.iaf.nl Phone (ESaSS) + 31 - 24 642 2282 |
| 2:282/222.0@fidonet Fax (ESaSS) + 31 - 24 645 0899 |
| PA3GYR @ 3.7778 MHz LSB Fax (VirLab) + 31 - 59 138 2714 |
| PGP fingerprint: 8A 0F 36 90 29 6D 19 42 B7 8D 74 9A A7 E5 28 4E |

1526. Re: FT-51R Extended RX Range Problem...(?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: Al Wong <alwong@mitre.org>
Message-ID: <4elqgg$867@linus.mitre.org>
Source record: 206372

rkmorrow@aol.com (RKMorrow) wrote:
>>Later I disabled the extended RX range and found that all of my channel
>>memories and other stored setups (dial xfer, etc) were gone! It was as
>>if it was restored to factory settings.
>
>This also happens if you let the Nicad battery run flat. Apparently
>there's no backup battery.
>
>-Bob WB6GTM

Strange.....

I let my nicads run flat all the time and never had the problem
with the loss of it memory. I keep a backup of the frequencies
on disk with the ADMS-1b software just in case it should happen
to me.

Al - KF4GDD
alwong@mitre.org

1527. FS: Alinco DX-70 HF+6m xcvr $799

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: fedpress@omnifest.uwm.edu
Message-ID: <4elvvu$59j@omnifest.uwm.edu>
Source record: 206373

For sale:

Alinco DX-70 HF plus 6m multi-mode transceiver $799.

Neil Lawton, WK9Q
Radio Recyclers
7730 W. National Avenue
West Allis, Wisconsin 53214

(414) 771-7121 voice or fax

Please do NOT reply via e-mail to the poster of this message. Thanks!

1528. Re: fs: ICOM R1 with full 800MHz Coverage

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: horak@convex.com
Message-ID: <4ell44$713@eugene.convex.com>
Source record: 206374
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

In <4edts1$ik3@news.cais.com> scanware@sincom.com (Gene McAvoy) writes:

>For Sale: ICOM R1 Handheld Scanner with battery and antenna.
>Excellant condition!
>This is a serious scanning device meant for experienced users only.
>$500. Firm...and its well worth it. If I didn't have two others,
> I wouldn't be selling this one.

$500? That's OUTRAGEOUSLY HIGH!!!! New ones don't sell for near that!

I haven't looked at all the other ads you've just posted but if they
are as overpriced as this one, I feel sorry for the poor souls who are
taken by them.

David

1529. Re: Marine Deep Cycle battery charging

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jan30.205230.20651@ke4zv.atl.ga.us>
Source record: 206375

In article <4ejvs7$1r9@news1.sunbelt.net> jcox@GroupZ.net (John C. Cox) writes:
>In article <1996Jan28.223620.9716@ke4zv.atl.ga.us>,
> gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>>The phosphoric acid in Coke might remove
>>a surface sulfide coat on the cell plates that was making the
>>battery high impedance, but I'd be worried about all the sugar.
>>When you refilled with H2SO4 you'd get a violent exothermic
>>reaction.
>
>In all seriousness - how about Diet Coke? No sugar, but I wonder if the
>phosphoric acid content is the same.

It doesn't *taste* the same, yuck! A test would be to drop a 10 penny
nail into a bottle of it. Real high test Coke will dissolve the nail
in 24 hours. If Diet Coke will too, it'd probably work.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1530. Re: IC-706 AM mode

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <DM0IHt.9nt@iglou.com>
Source record: 206376

Tried my 706 on am and got 'excellent' reports on the audio. Don't know
about the downward modulation problem.

Carmine M. Iannace (iannace@bu.edu) wrote:
: I am thinking of purchasing the IC-706. My concern is that its AM
: transmit mode suffers from the same "downward" modulation characteristic
: that the IC-735 exhibits. In short, when you adjust the the IC-735 for
: AM transmit(about 25 or 30 watts carrier if the PEP output of the final
: is about 100 watts) the output lessens as you apply audio to the carrier
: as opposed to increasing as is usually the case on Kenwood and Yaesu
: tranceivers(and on AM broadcast transmitters).

: If someone could try their IC-706 on AM to see if this characteristic
: appears I would be very appreciative. Also, does the radio have a
: computer control connector?

: KA2PAP
: Carmine

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

1531. Re: 82 Repeater in Kansas City/Repeater Use

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: sparkfel@primenet.com
Message-ID: <4elgqo$q73@nnrp1.news.primenet.com>
Source record: 206377
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc

rob@pe1chl.ampr.org (Rob Janssen) wrote:

>In <310B8C36.5D9@magnum.wpe.com> Eddie Caffray <caffraye@magnum.wpe.com> writes:

>> On the 146.85 repeater here in Central NY we had trouble with one user also. He made it that
>>no one would even monitor the reapeater anymore. The club voted to ban him and we did. The
>>reapeater is a great place to be again.

>How do you manage to effectively ban malicious users from a repeater?
>Of course this problem is known all over the world, but at least over
>here we have not yet found an effective way of stopping them. How do
>you do that?

Go to the Arizona Repeater Association's Home Page to see how this is done. It involves actively pursuing people who engage in such activity. The ARA, as a matter of routine, has an interference committee dedicated to tracking these people down.

Despite reports to the contrary, the FCC does frown on this activity, and will enforce sanctions. Just ask the people here in Phoenix about that. An NAL, Notice of Apparant Liability, carries a stiff monetary fine, about $20,000 (US) worth and forfeiture of ALL broadcasting equipment and license(s).

It has been reported to me, by Dan Ford, Commander of the SHERRIF'S Ham Radio Posse, that they also plan to actively engage in pursuing people misusing radio gear in Maricopa County. I strongly suggest that if you plan on jamming a repeater in Central Arizona, plan on getting caught.

Unfortunately, the ARA has had, for the 3rd time its existence, had to remove a member, by board action, for misconduct involving repeaters. This "gentleman" is also facing stiff legal sanctions from the FCC.

In 1995, the 3 biggest abusers of ARA repeaters WERE caught, and several others have been identified.

73,

Mark Fellhauer
KC7BXS

1532. Re: Help! Ten-Tec OmniVI / PK-232 Audio Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: sherwood@oribi.cig.mot.com
Message-ID: <4elbus$3ei@newdelph.cig.mot.com>
Source record: 206378

In article <4eh6d6$eco@sundog.tiac.net> KA1SIE writes:
>I have a Ten-Tec Omni VI and a PK-232. When the PK-232 is interfaced
>with the radio, I have audio distortion on SSB. I have heard of this
>tnx 73 de Chris KA1SIE
>cgaron@tiac.net

How did you interface the TNC to the radio? My Paragon has a audio
input on the rear, which can be used as an input from a TNC, BUT
the manual states very clearly that this audio will be mixed with
audio from the mic when using voice and should not be used unless
the device connected to it does not output audio when the front mic
connection is used. I would suspect that the Omni is the same.
Therefore I connect my TNC to the mic connecter and switch between
voice and data by changing the plug. Acutally, I cant remember the
last time I transmitted voice on HF....

chuck sherwood
sherwood@cig.mot.com

>

--
Chuck Sherwood
sherwood@cig.mot.com

1533. Re: Sticky relay on IC 720

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: cshelton@mason2.gmu.edu
Message-ID: <4em659$59i@portal.gmu.edu>
Source record: 206379

Daniel L. Conklin (acephotog@emi.net) wrote:
: I think my TR relay sticks because when I first turn the rig on I receive
: only noise. I have to click the mic key once to get signals. Is this a
: minor problem?

I had this problem at first w/ my 720A, which had not been used for
several years (I got it from a sale of gear from an SK). The relay
came permanently "unstuck" after a few weeks of use, and I've had
no further problems.

I also suspect that DE-OXIT or similar contact cleaner might do the
trick, but havent tried this.

BTW, Jan QST had a tech letter giving a mod to eliminate the
incredibly loud noise from the rotary relay when changing bands.
Haven't tried this one yet either, but intend to . . .

Jeff Shelton/KS4TL

1534. Re: FT-5200 out-of-band receive? Forgot how...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: "G4KFK@GB7WIR" <Mike@g4kfk.demon.co.uk>
Message-ID: <823045200snz@g4kfk.demon.co.uk>
Source record: 206380
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <1996Jan29.174245.21459@rti.rti.org> jbs@rti.org "Joe Simpson" writes:

> Just got my FT-5200 back from Yaesu repair, and receive is now
> limited to 144-148. I used to have it opened up to get the weather
> service freqs, but I don't remember how I did it. Anybody know what
> the key sequence is for this mod?

If it's anything like my FT-5200, just connect the antenna and
switch it on. You'll hear plenty of out-of-band signals, and as
an added bonus you won't even have to move the tuning knob!

But seriously folks...

Sorry about the lousy English, this is as I received it from
the now-defunct Yaesu Europe BV office in Amsterdam:

"Please make jumper on the INTERFACE unit as following which
jumper are freeband for the FT-5200 and it should be need
programming frequency.

On the interface unit jumper position JP5001-JP5007 as
following:

JP5001, JP5002, JP5003, JP5006 and JP5007 ..... Short
JP5004 and JP5005 .... Open

Please note: Free band frequency range are approx following.

For VHF: RX 110 - 180 MHz TX 130 - 180 MHz
For UHF: RX 330 - 480 MHz TX 425 - 465 MHz

Programming Frequency:

Please push and keep "D/MR", "F/W" and "REV" button while
power switch on. Now programming frequency for VHF low edge
of RX, high edge of RX, low edge of TX and high edge of TX,
then UHF frequency programming same as low edge of RX, high
edge of RX ... high edge of TX"

So now you know! :-)

73
Mike
G4KFK

1535. FS: Kenwood TH-77A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: "Kelly M. Knowles" <knowlk2@rpi.edu>
Message-ID: <Pine.A32.3.91.960130004550.44616A-100000@matisse.its.rpi.edu>
Source record: 206381

I have a Kenwood TH-77A in fair condition with a speaker/mike and extra dual band antenna. Looking for reasonable offers. Thanks.

1536. Re: % Wanted Ded/Alive KWND TS440S %

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: ptracy@aol.com
Message-ID: <4elbq0$b8s@newsbf02.news.aol.com>
Source record: 206382

In article <4eic4t$rv4@usenetp1.news.prodigy.com>, CBAX63A@prodigy.com
(Roland Geter sr) writes:

>Will pay cash and shipping for KENWOOD TS-440S/AT in any WORKING
>condition. Cosmetic looks not important!
>-

Finding a dead one shouldn't be a problem.

1537. Crystal Sources Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: tsimpson@iglou.com
Message-ID: <DM0Do4.156@iglou.com>
Source record: 206383

I have recently aquired a older Standard 2m HT. I am trying to locate a source (cheap & reliable) to find crystals for it. I need to be able to specify frequency's so I can program it with offsets as well. Post the Info here OR E-mail me with it.

--
Tom Simpson
tsimpson@iglou.com
KF4GKW

1538. WTB: Yaesu FEX-767-6 Module

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: jsbraun@vivanet.com
Message-ID: <4em5fp$45h@vivanews.vivanet.com>
Source record: 206384
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

I am looking for a Yaesu FEX-767-6 Module for my FT-767GX.

If you have or know of one available please forward me the information.
I can be reached at (716)367-9826 or via e-mail at: jsbraun@vivanet.com

Thanks/ 73's
de Scott
KB2GWF

1539. Wanted-Hallicrafters S-38E

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: knoxr@cc.tacom.army.mil
Message-ID: <10e92690@cc-gw.tacom.army.mil>
Source record: 206385

Looking for an old Hallicrafters S-38E Receiver in
good cosmetic and operating conditions. Please e-mail
me if you have one of these for sale.

Thanks and 73!

Richard L. Knox
KD4BRL

1540. Yaesu FT101 Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: George Rybicki <seryb@lims01.lerc.nasa.gov>
Message-ID: <4elmjb$9bj@sulawesi.lerc.nasa.gov>
Source record: 206386

Does anyone know about the WARC band mods for the FT101, I found the 30 meter
mod and a reference to the 12 meter mod. What is the 12 meter mod? how is it done? thanks in advance for any help. 73 George

1541. WTB: IC-900 Band units

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: Randy Foutch <rfoutch@wco.com>
Message-ID: <310EDC95.6D44@wco.com>
Source record: 206387
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

Needed------

Any Band units for the IC-900/IC-901 (ecpt SSb and Scan)

Pls e-mail or post replys here

Thanks

Randy

1542. In ear mic/speaker combo

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: fkelcz@facstaff.wisc.edu
Message-ID: <fkelcz.137.001D0BE6@facstaff.wisc.edu>
Source record: 206388

For safer driving I was considering one of the "in ear" microphone/speaker combo's. Has anyone had any experience with these? Alternative for me is the Yaesu YH2 speaker mike for use on my FT530.

Thanks for any info.

Fred K, N9SLR
Frederick Kelcz, PhD, MD
Dept. of Radiology
University of Wisconsin, Madison

1543. Clegg FM-27B comments

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: campbell@nrult1.dnr.ohio.GOV
Message-ID: <9601301433.AA14063@nralpha1.dnr.ohio.gov>
Source record: 206389

I would like to make some additional comments regarding the Clegg FM-27B. I agree with both WA2BAU (Gary), and KE4ZV (Gary) that the 27B had a notoriously dirty transmitter. In fact, here in the local area, we often referred to it as the Clegg Splatter-Box. I owned one of these things for several years back in the early seventies, and considering the radios which were commonly available for 2-meter amateur use at that time (Drake ML-2, Regency HR-212, etc), the 27B was a major break from the shackles of crystal control. The procedure for tuning the radio consisted largely of zeroing the other station's frequency on the discriminator meter, then spotting the 27B's transmit frequency to zero. This was all well and good as long as the 27B's discriminator circuit idled at zero on the meter with no signal being received. If your discriminator meter happened to idle at some point other than zero, and you spotted both the other guys signal and your own transmitter to the zero indication on the meter, the net result was that your transmitter would be off frequency, sometimes by as much as several kiloHertz. The best way that I found to ensure that you were reasonably on frequency was to spot both the other station and your own transmitter to the exact same meter reading as was present with no signal being received. If you used a reasonable amount of care during this "spotting" process, you could usually keep your transmitted frequency within a kiloHertz or so. That is not really much worse than today's amateur-grade VHF equipment transmit frequency tolerance specs.

With respect to the transmitter spectral purity, don't EVEN think about tuning the 27B transmitter for maximum power output. To do so will almost certainly assure that the output spectrum display will look like a picket fence. The only proper way to tune this transmitter board is by using a spectrum analyzer, and tuning everything for the cleanest output spectrum. If you use care, you should be able to tune the transmitter for a clean output spectrum, and a reasonable amount of RF power.

As Gary stated, I would not really recommend using this radio in a crowded 2-meter metro area. If you live in a less congested RF area, and use care when tuning, you should be able to put one of these things back into service. Just remember to consider your fellow Amateurs, and either check the transmitter spectral purity yourself, or have it checked by a two-way service tech before putting the radio back on the air.

John (WB8MWI)

1544. HF Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: Richard Roberts <rroberts@popmail.mcs.com>
Message-ID: <NEWTNews.823069122.8196.rroberts@mcsnet.mcs.com>
Source record: 206390

I currently own a Icom 737-A with the vox that I am planning to trade for either a Icom 706, Alinco DX-70T or Yaesu FT-900AT.

Has anyone had any experience with these radios?

The Icom 737-A is a nice radio but as for mobile use it is too big for my car and a new radio is cheaper than a new car (although not by much).

The Icom was bought new in January 1994.

Any comments would be appreciated.

Rich - KA9MAB
rroberts@mcs.com

1545. Re: IC 737 out of band tuner mod??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <4ek67l$nt0@news.halcyon.com>
Source record: 206391

Bob,

The At-100, 160, and 500 all have the ham band limitation as does the built in tuners. The ICOM radio uses an analog switching voltage, you can test this your self as it is located on ACC 2. I forget which pin though. When the radio changes bands, this analog voltage is used to switch the band relays or switches in the auto tuners. The 80 meter switch is made right at 4.000 Mhz. here the tune is set up for 7 Mhz operation. No way to change it that I am aware of. The external devices like the 2 and 4 Kl and the EX-627 also depend on this voltage for band switching. This scheme goes back many years in the ICOM hF line up. Not likely to be changed soon as it does work very well.

Gary

1546. Wanted: HW-8

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: frankb2686@aol.com
Message-ID: <4emja6$s90@newsbf02.news.aol.com>
Source record: 206392

Looking for Heathkit HW-8 QRP transceiver. Need not be working.
Frank WD6AGS 818 325-4658

1547. What has happened.....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: 102521.1633@compuserve.com
Message-ID: <4em1ln$ne5@dub-news-svc-2.compuserve.com>
Source record: 206393

mparkes@aol.com (Mparkes) writes:
>This used to be a pretty clean hardware only area, but since the last time
>I checked in, the number of forsales and Wanted have grown, to the point
>that it becomes increaslingly difficult to wade through that stuff when
>you are trying to fing hardware related topics only. I dont have anything
>against the "For Saler's", but there is another newsgroup for that.
>
>-Mike KS4DA
>"...a voice crying in the wilderness..."

Mike--I was just getting ready to post a WTB when your message caught my eye.
You are correct and the proper catagories on the net makes it much more handy
for us all to use. TNX for the reminder. Bill N4MXF in Va.

1548. Sticky relay on IC 720

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: acephotog@emi.net
Message-ID: <acephotog-3001961401320001@ttyf5.emi.net>
Source record: 206394

I think my TR relay sticks because when I first turn the rig on I receive only noise. I have to click the mic key once to get signals. Is this a minor problem?

1549. Re: IC 735

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: "Donald W. Osburn" <osburn>
Message-ID: <4em4o1$7v9@newdelph.cig.mot.com>
Source record: 206395

Greetings Jim;
I am looking to get back on the air after ~5year absence. I found literature on the IC-736, but nothing on the 735. Do you still have this gear? If so, what can you tell me about it (specs..), and what are you asking?

73
Don Osburn WK0Y
(847) 608-1838 after 17:30 CST

1550. ADI AR146, 446?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: Paul Moller <Paul_Moller@csg.mot.com>
Message-ID: <310E9184.7287@csg.mot.com>
Source record: 206396

I am thinking of purchasing either the ADI AR-146 or the AR-446. Does anyone have any experience with them? How are they for IM? Reliability? Has there been a review in any magazine? Thanks.

Paul Moller
WD9ABE
Paul_Moller@csg.mot.com

1551. Re: 2 Meter Intermod Buster

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: LAXX43A@prodigy.com
Message-ID: <4ekag1$26s0@usenetw1.news.prodigy.com>
Source record: 206397

Well, Think the intermod is characteristic of wide range receivers, outside of downtown, really works good, so the answer is probably having more selective front ends but is practically impossible with the answer to everything all freq coverage radio, give the notch filter a go. I think you will be pleasantly surprised. Mike W7CFL

1552. Re: Wanted Info on Ten-Tec HF Rigs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: LAXX43A@prodigy.com
Message-ID: <4ekc5p$jju@usenetw1.news.prodigy.com>
Source record: 206398

Hi there, Just a note on Ten Tec. I have used Yaesu Ft 1000 and Kenwood TS950D and I like my OMNI V best of all....I sold the FT 1000 in favor of OMNI V. But taking nothing away from FT 1000, it is a great rig. I have used a TEN TEC Corsair, it is a fun radio, hears well, has a good sound. The CW capability of the TT products cannot be beat. THEY SOUND GREAT. The audio is super, comparable to Collins. It takes a while to get the feel of the radio, it is not perfect but neither was the FT 1000, but after becoming familiar with it....You may become one of the TT Cult..... There is a reason why they are still around, and it ain't because it is Made In America. Mainly functional Engineering, not alot of bells and whistles, good price, good resell value, outstanding, friendly, helpful, service, and General Coverage is not a selling factor, buy yourself a Sony 2010 if you want to listen to radio Havana Cuba. Now if you want to hear more on Ham Bands, have a good sounding CW signal...I compared listening to a weak SSB signal on 80 Meters and switched to a TS940S Kenwood. I could not hear on the Kenwood due to Phase Noise internally generated inside Kenwood but could hear them on the Corsair. Phase Noise is like a background white noise you hear on a frequency not tuned to a station, it masks the signal underneath the phase noise. I suggest the Corsair II or the Omni V. The Omni VI may be better but also more expensive. Anyway once you use a Ten Tec....for 15 days....You will be like the rest of us....The Ten Tec Cult! 73 Mike W7CFL

1553. Re: Need Mods For TH-79A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: dab2@Ra.MsState.Edu
Message-ID: <4ekdu8$13t@NNTP.MsState.Edu>
Source record: 206399

```
: Kenwood TH79 Dual Bander Modification and Feature Guide r1.5 9/13/94
: ======================================================================
: Clayton Wagar, KD4IDN
: 920 West Crawford Street #7
: Dalton, GA 30720
```

This covers the th79a very well, and in great detail. I have a newer D(eluxe) model and am eagerly awaiting the new "Modification and Feature Guide". Has anyone heard anything about using the 79a mods on a 79ad? Clayton, have you recieved any information?

Hope you have a great day, as for me, I will be enjoying the rather mild temperatures here :)

73 de KC5AAW

David A. Boackle dab2@ra.MsState.edu Mississippi State University

1554. timewave 599

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: cleveland@interramp.com
Message-ID: <4ek86h$8jr@usenet7.interramp.com>
Source record: 206400

Does anybody have any expereience and opinions on the new timewave DSP?

(I posted this before, but I don't think Interramp handles USENET well.)

Thanks,
Bill
KR4TZ

1555. FS: ICOM V21

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: Bob Jones <bjones@smartlink.net>
Message-ID: <310EEDB5.1A0@smartlink.net>
Source record: 206401

ICOM V21, 2m/220, HANDHELD WITH SPARE BATTERY AND LEATHER CASE.
$400 FIRM.

PLEASE EMAIL BOB AT:

bjones@smartlink.net

Thanks,

Bob, KD6KEZ

bjones@smartlink.net
http://www.smartlink.net/kd6kez

1556. Re: IC 737 out of band tuner mod??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: Richard Roberts <rroberts@popmail.mcs.com>
Message-ID: <NEWTNews.823072257.18433.rroberts@mcsnet.mcs.com>
Source record: 206402

In Article<310C0F0F.5D5A@internetmci.com>, <rsmith@internetmci.com> write:
> Path: ddsw1!news.mcs.net!willis.cis.uab.edu!gatech!newsfeed.internetmci.com!news.interne
tMCI.com!news-admin
> From: Bob Smith <rsmith@internetmci.com>
> Newsgroups: rec.radio.amateur.equipment
> Subject: IC 737 out of band tuner mod??
> Date: Sun, 28 Jan 1996 19:04:31 -0500
> Organization: InternetMCI
> Lines: 17
> Message-ID: <310C0F0F.5D5A@internetmci.com>
> NNTP-Posting-Host: usr1-dialup22.atlanta.mci.net
> Mime-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> X-Mailer: Mozilla 2.0b5 (Win95; I)
>
> Got an Icom 737 and am a Mars op (NNN0SZD). We have regular nets on
> 3.349 and I can see the power output from my internal tuner hit 100%
> indicating a tune but cuts off. Icom told me it is part of the
> programming to not tune out of the ham bands.
>
> Anyone know of a hack that may fix this? I really hate having to use an
> outboard tuner if I don't have to.
>
> Also - I was told that this limitation does not exist with their
> outboard tuners such as the AT160 etc. Can anyone confirm this?
> Plus do the later rigs 737A, 738, or 736 allow our of band tuning?
>
> Thanks ever so much.
> 73
>
> Bob Smith, N3FTU
> bsmith@msn.com

Bob:
I have the 737-A and I have to tell you I did the MARS Mod
on it and unless you have tiny teeny hands and fingers
it is a bear to do. It regards to your other question
even though the mod was made, I still can't use the
automatic tuner on the 737-A when I am on the MARS band.

I have to either manually tune it.

Hope this helps.

73

Rich - KA9MAB
AAV5JG/IL

rroberts@mcs.com

1557. Re: Help IDing some old Motorola radios

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: woodring@inlink.com
Message-ID: <4ekc8s$1b1@news1.inlink.com>
Source record: 206403

In article <4e7000$mgc@usenet.pa.dec.com>, little@pecan.enet.dec.com (Todd Little) says:
>
>Our local village has offered our RACES group some old mobile
>radios that they no longer need. I'm guessing they are on
>either the public works or police frequencies here (around
>151 MHz). Can anyone help me identify the type of radio
>and its options? The model numbers (which I understand
>also include option information) are:
>
>U33BBA1000A
>U33BBA1900A
>U43CMT1100A
>T43MHT1190B
>T73MHT4190A
>T43RTN1190B
>
>Any help would be greatly appreciated.
>
>73,
>Todd
>N9MWB
>

The U33BBA1000A is a 25 watt single channel 150-162 Mocom 70 carrier squelch
The U33bba1900A is the same except multi freq, I think
The U43CMT100a is a 35 watt single, maybe dual channel MOTRAN vhf unit.
The T43MHT1190B Is a 35 watt vhf 150-162 MOTRAC MOBILe, Probably 2 Channel.
The T73MHT4190A is a 110 Watt vhf 150-162 Motrac mobile multi freq, with private line
and some other option.
The T43RTN1190B is a 35 watt Micor, 150- 162 MHZ 2-4 channel.

All of these units will Convert to the high end of 2 meters with only tuning.
The MICOR will need front end coils changed for below 146.00
&3 Good Luck
JIM WA0VED

1558. FS: KPC-2 TNC and 145.01 Base

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: "Robert J. Hall" <rjhall@mtu.edu>
Message-ID: <Pine.SUN.3.91.960130030917.18389D-100000@techsrv1.tech.mtu.edu>
Source record: 206404
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap,rec.radio.amateur.digital.misc

Hello .. I have decided to sell my KPC-2 Packet radio TNC and
Regency BTH-201B 25 Watt VHF Tranceiver crystalled to 145.01 MHZ.

I am asking $70 for the KPC-2 ALONE.
The KPC-2 With the REGENCY BTH-201B radio I am asking $135
I will also be asking $5 for Shipping.

The Regency base station is all ready to go and is Currently wired and
working well with the KPC-2. The base station has it's own built in
Power supply. Size is approx. (15" x 9" x 3.5") Regency BTH-201B 25 Watt
VHF Tranceiver crystalled to 145.01 MHZ. Receiver sensitivity and
selectivity has been recently checked on a 2400 Motorola Service Monitor
and checked up to factory specs. Output power bench checked at 30 watts.

I am not interested in selling the radio seperate from the TNC, but would
be interested in selling the TNC alone. If I don't sell them I'll
continue to use them, and If I don't sell the radio with it, I'll crystal
it for voice and use it there.

The KPC-2 has version 2.85 firmware and has PBBS, NODE, and DIGI
functions. It's run well for the last 4 years without ever having a
problem. It originally cost $170. I orginally purchased the Regency
about 2 years ago from a friend for $60 and recrystaled and tuned it for
another $30 from Jan Crystals. It works well and also has never given me
any problems.

I don't normally have time to monitor the news groups so any response to
this should be via e-mail or phone listed below.
Rob Hall AA8LA

\\\\
(o o)
-----oOOO---(_)---OOOo----------------------
| |
| Rjhall@mtu.edu |
| 906-487-0198 |
| 228 W. McNair Hall |
| Michigan Technological University |
| Major: Electrical Engineering Technology |
| AA8LA@w8yy.#upmi.mi.usa.noam |

1559. Help! Motorola Micor Mod???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: "Thomas W. Castle" <afn17891@afn.org>
Message-ID: <Pine.A32.3.91.960130031704.30992C-100000@freenet2.freenet.ufl.edu>
Source record: 206405

Hi Tom here...

I have a couple of working "M" Micor mobiles,
100W version Model #T74RTA3900BA <as best as I can read the model#>
All solid state units... It appears to be a unit with a built in
offset an "1" Xtal for the Rx, per channel <4 ch units>

I was told that the one Xtal per channel type rig with a simple mod
could be modified for simplex operation. I would like to
set these rigs up on packet back-bone freqs <S> an run them as
Rose switch radios on the back bone freq 446.125.

Anyone with any insight in these radios know the mod????

1560. Re: Any comment on Alinco DR610 or Kenwood 733a dual band mobile?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: Al Robinson <robinsona@rl.af.mil>
Message-ID: <4el5i7$ij3@news.rl.af.mil>
Source record: 206406

Greg Ottria <gottria@slip.net> wrote:
>Dan Hrehov wrote:
>>
>> I am looking for any comments on either the DR610 or 733a dual band mobiles.
>> How do you like them? Any problems? Hows the intermod? Would you buy them
>> again?
>> Any comment would be appreciated.
>> Thanks and 73's
>> Dan nr Seattle
>> email N7VOE@aol.comI had both radios and I like the Kenwood 733. The radio seems to be
more
>sofisticated than the 610. Some major thing I didn't like about the 610 is
>on the UHF side, reception is very very weak except on the ham band, the 610
>has a detachable face but there is still a cord attached, the Kenwood
>doesn't. Well I could talk forever on the differences. E-Mail back on any
>specific questions. Good Luck gottria@slip.net

I have owned the K'wood 733 since July '94 and am very satisfied. Would
I buy it again? - Yes! Intermod is not a problem in my locality but it
may be a nuisance in downtown areas of cities. I plan to add the CTCSS
decode board to my rig soon. Programming is easy, audio is good, and it
has extended Rx "right out of the box". The TTP mic can be programmed to
control most rig functions and K'wood is coming out with a BACKLIT
version soon.

The Alinco 610: I set up the memories on a new one for a friend. The
610 has more memory slots than the 733 (100 vs. 70) but the method of
getting from one memory bank to another on the 610 is awkward. The 610
doesn't have auto repeater offset which I think any rig that sells for
600 bucks should include.

Buy the Kenwood, and enjoy ! 73, N2PNX.

1561. Re: Advice-Yeasu FT-8500

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: linvillm@gordon-nsc1.army.mil
Message-ID: <11e7cc$16109.2f5@news.csra.net>
Source record: 206407

Thus wrote username@shore.net (Mike Mentuck)
>In article <4egg7h$p3h@ixnews4.ix.netcom.com>, epapd@ix.netcom.co
says...
>>
>>I'm thinking about buying a Yeasu FT-8500 dual band
>>mobile. Anyone out there have any strong likes/dislikes/problems
>>with this radio??
>>Does anyone know if there is a mod for out of band TX?
>>
>>Thanks,
>>Paul KB6FPR
>>epapd@ix.netcom.com

I love my FT-8500. I did not like Mr. Potato Head so I opted for
the MH-39 mike and I am glad I did. I also have the ADMS-2 programming
kit and love that too.
My only complaint is with the Automatic Receive Mute options. In
case both bands are busy at the same time, the 8500 only offers the
option of either always muting the VHF band or always muting the UHF
band. On my FT-51R HT they offer the option of muting the sub-band (the
band NOT currently selected for operation) and that seems as if it would
have been the logical option to put in the FT-8500. I guess the
programmers at Yaesu don't talk to each other.

Mel Linville
WB4ZIT

1562. Sources of electron tubes?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: Mike Putter <putter>
Message-ID: <4elekc$4sp@wn1.sci.kun.nl>
Source record: 206408

Hi,
We received an old, but usefull, instrument that has an RF
amplifier in it. That thing uses tubes and some of them are
weak. Unfortunately, we can not find replacements. It would be too
bad if we would have to trash that machine.

Does anybody know a source of electron tubes? Specifically, we need
a type 8458 (same as Philips YL1240), an RCA 6EB8 (or 6CX8) and an
Sylvania 6AL5 (=6058).

I appreciate any help or suggestions.

Thanks, Mike

--

Mike Putter
Dept. of molecular and Laser Physics, University of Nijmegen, Netherlands
e-mail: putter@sci.kun.nl, phone: (+31) 24 - 3652171, fax: (+31) 24 - 3653311

1563. WTB: HT'S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: sf3362@cnsvax.albany.edu
Message-ID: <4ekgt1$13a@rebecca.albany.edu>
Source record: 206409

Hi!
I'm looking to buy any cheap HT's either 2m or 440...
The radios must have at least a working battery and antenna (I don't care about any other accessories) AND MUST be either already modified or be able to be modified for out of band TX/RX for about 130-170 Mhz, or compa rable performance on 440Mhz.
I work in security at a facility that uses several mobile business-band radios and I'd like to experiment with adding on a few HT's... They'd at least be good for testing the radios if I can't convice management to get a new license covering the portables....
Preferred: NYC or Albany, NY area sellers, or COD. $100 or less.
PL tones a plus, but not mandatory.
sf3362@alpha1.albany.edu
Thanks!

1564. Light weight Battry Charger ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: ghassempoory@cf.ac.uk
Message-ID: <DM02GI.H1w@cf.ac.uk>
Source record: 206410

Does any body know on any lightweight fast NiCad battry chargers which can be carried in a small rucksack? I am planning to go for a walk in the Welsh hills and I would like to have my dual bander with me for emergencies. I hope to charge the battries when I get to a civilised place. My slow charger takes about 16 Hours to charge and even then the battry is not capable of delivering more than 2 Watts.

Any Ideas?

1565. Re: WANTED - DECENT SOFT CASE FOR RADIO SHACK HTX-202

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: Tom Westerfield <tlwest@delphi.com>
Message-ID: <BdGrYf4.tlwest@delphi.com>
Source record: 206411

I have found that some Motorola leather cases are an excellent fit, got mine at a hamfest for $5. I had to poke through the pile to find a good one, but it was worth the effort.

Tom - N9HSJ

1566. FT530-Can't get Airband...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: al bolton <al@boltons.demon.co.uk>
Message-ID: <823033405snz@boltons.demon.co.uk>
Source record: 206412

Hello,

I've got an FT530 which has the following coverage:

130-180MHz
400-500MHz
800-950MHz

AM and FM are available. Now according to all the posts I've read (plus all the FTP sites I've visited) the set SHOULD be able to receive:

110-180MHz
300-500MHz
800-950MHz

But it's missing airband and the 300-400MHz section. Does anyone else have experience of this? The usual mod involving pad 13 and removing solder has been done. All I can think of is that certain "varieties" of the 530 have more limited coverage! It is a European model, with 1750Hz toneburst BUT when the CPU is reset, 70cms repeater offset reverts to 7.6MHz, not the 1.6MHz we use in the UK! Also, when following the manual to change the repeater offset, it should be possible to confirm the new offset you have entered by pressing the PTT...not on mine, it's necessary to press RPT again to input the new value...

Any info, observations and general chit-chat about the FT530 gratefully welcomed!
---
al bolton, UK.
ok8vsq/om/g4vsq

1567. IC-706 AM mode

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: "Carmine M. Iannace" <iannace@bu.edu>
Message-ID: <310E2DC1.2B62@bu.edu>
Source record: 206413

I am thinking of purchasing the IC-706. My concern is that its AM transmit mode suffers from the same "downward" modulation characteristic that the IC-735 exhibits. In short, when you adjust the the IC-735 for AM transmit(about 25 or 30 watts carrier if the PEP output of the final is about 100 watts) the output lessens as you apply audio to the carrier as opposed to increasing as is usually the case on Kenwood and Yaesu tranceivers(and on AM broadcast transmitters).

If someone could try their IC-706 on AM to see if this characteristic appears I would be very appreciative. Also, does the radio have a computer control connector?

KA2PAP
Carmine

1568. Help! My IC2340H just turned into a single band 2M!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: keith@unm.edu
Message-ID: <4emfsj$8m06@musca.unm.edu>
Source record: 206414

Subject pretty much says it all. Turned on my radio (Icom 2340H) the other day and the 440 part of it is gone! Bottom half of screen completely blank. Pressing the tuning button gets me a "boop", but holding it in does not cause the second beep which it gives to signal sub band operation. I've disconnected it completely from the power hoping it would somehow remember that it's supposed to be a dual band. No luck. And of course I've opened it up so sending it back is not an option. Has anyone else had this problem, or have any clue what to do? The 2M part of it seems to work flawlessly. Also- I've never used the 440 out of band- in fact, you could count on one hand the number of times I've even used that half of the radio. It's almost as if the radio decided that I didn't really need a dual band, and just eliminated it for simplicity. Email or post, this is the first radio I've bought new, and I would VERY much like it fixed.

Keith Smith KC5CEA, keith@unm.edu

1569. Re: R7100 Modification

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: Bill Funk <skypilot@starlink.com>
Message-ID: <4elqh2$p71@pegasus.starlink.com>
Source record: 206415
Cross-posted to: uk.radio.amateur,rec.radio.shortwave,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,alt.radio.scanner,alt.radio.scanner.uk

>>
>>Locate jumper "A6" as illustrated in the owners manual. Above "A6" you'll see a
>>small ball of
>>solder. Using solder wick, CAREFULLY remove the solder, exposing the split
>>circular pad
>>beneath. The space between the pads is very small so be sure to remove all the
>>solder. Reassemble
>>the radio and you're done!
>>
>>Blackshadow
>>
>
> Many thanks my friend who ever you are. I am curious to know who "Grove" is that
>you mention. Could you comment on this? I am in the Two-way radio service business
>and have need of this blocked range of frequencies to monitor for interference . I
>thought for a while I was going to have to resort to a R9000 which is awfully
>expensive. Again many thanks. I would like to hear from you here or on my E-Mail
>chinkle@exis.net=>
==========

Hmmm... If you can buy a new R9000 (since you are in a business that will
allow you to do so), then you can get an un-restricted R-7100.

Me, I'm lucky. I have an older R-7100, full coverage! (No, it's *not* for
sale!!) :-)

Bill Funk

1570. WTB-QRP equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: Frank.Krozel@668.station1.planetc.com
Message-ID: <004_9601312140@station1.com>
Source record: 206416
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.swap

Hi Allen, I am just about ready to place a Argo 556 for sale.
The rig is a low power version of the current production Scout, except 5 watts out. Comes with several modules, and a slight problem. On CW all OK, on SSB, small amount of side tone comes out of speaker. This is not heard on the transmit audio, but it is still there. I use a keyer with a builtin sidetone, and have turned this down, but it is there never the less. I will ship for $325, with all the modules. Call me if you are interested in it. Frank Work 708-924-1600.

1571. Re: Morse code to text display wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: Ference Kish <fkish@attila.mtx.net.net>
Message-ID: <NEWTNews.822989963.13882.fkish@attila.mtx.net.au>
Source record: 206417
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

> >
> >Hi. My dad is a Ham operator, and asked me if there were some
> inexpensive
> >way to have incoming Morse code automatically translated and displayed
> on
> >a CRT. Since I know nothing about Ham radio, I thought I'd post here.

There is a program called MORSEFFT which you should be able to find on the net
(use ARCHIE to find the site storing it)

It needs a sound blaster card as an input device. It comes with C source code,
too

1572. Re: Marine Deep Cycle battery charging

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: jcox@GroupZ.net
Message-ID: <4ejvs7$1r9@news1.sunbelt.net>
Source record: 206499

In article <1996Jan28.223620.9716@ke4zv.atl.ga.us>,
gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>The phosphoric acid in Coke might remove
>a surface sulfide coat on the cell plates that was making the
>battery high impedance, but I'd be worried about all the sugar.
>When you refilled with H2SO4 you'd get a violent exothermic
>reaction.

In all seriousness - how about Diet Coke? No sugar, but I wonder if the
phosphoric acid content is the same.

73,

John C. Cox, WD4PKZ/AFA2TS/AFF2K
Email: jcox@GroupZ.net
WWW: http://www.GroupZ.net/~jcox

"Roadkill on the critical path...."

1573. TS 440 SAT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: "Homer E. Franks" <hfranks@bihs.net>
Message-ID: <4eklem$2im@brazos.bihs.net>
Source record: 206500

For Sale A Kenwood TS 440 sat with all filters and voice synthesizer with the kenwood ps 53 power supply. Radio is an 8 million series and is very clean. asking 995.00

1574. TS 440 SAT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: "Homer E. Franks" <hfranks@bihs.net>
Message-ID: <4eklgg$2im@brazos.bihs.net>
Source record: 206501

For Sale A Kenwood TS 440 sat with all filters and voice synthesizer with the kenwood ps 53 power supply. Radio is an 8 million series and is very clean. asking 995.00

1575. TS 440 Sat

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: "Homer E. Franks" <hfranks@bihs.net>
Message-ID: <4ekltn$2o1@brazos.bihs.net>
Source record: 206502

for sale a kenwood ts440 sat with voice synthesizer and all the filters
for sideband and cw. Very clean witha ps 53 power supply ----price
$995.00

1576. TS 440 Sat

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: "Homer E. Franks" <hfranks@bihs.net>
Message-ID: <4ekm0s$2o1@brazos.bihs.net>
Source record: 206503

for sale a kenwood ts440 sat with voice synthesizer and all the filters
for sideband and cw. Very clean witha ps 53 power supply ----price
$995.00

1577. TS 440 Sat

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-30 00:00:00 UTC
From: "Homer E. Franks" <hfranks@bihs.net>
Message-ID: <4ekm3n$2o1@brazos.bihs.net>
Source record: 206504

for sale a kenwood ts440 sat with voice synthesizer and all the filters
for sideband and cw. Very clean witha ps 53 power supply ----price
$995.00

1578. rc-96 repeater controller for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: screa@aol.com
Message-ID: <4ens2c$m21@newsbf02.news.aol.com>
Source record: 206305

rc-96 repeater controller. This is one of the best controllers available. Original cost was over $1700, about two years ago. It has voice (male and female), excellent autopatch, 200 autodial slots, can be controlled from the phone or a separate receiver, can have another remote receiver, and lots lots more. This is a sweet controller. It works perfectly. It is currently in use in the San Francisco Bay area so you can hear it work, or we could dial it up and you could play with it over the phone. Anyway, If you are interested give me a call. I'm guessing the price will end up being below $1000, but it depends on interest. Talk to you soon
'73
Josh KB6VTU
510-937-8784 PS also 80 watt Mirage 440 amp, and other cool stuff for sale. All 100% perfect condition.

1579. Re: Shopping in NY/NJ area

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: jbaltz@watsun.cc.columbia.edu
Message-ID: <4en2uv$k2t@apakabar.cc.columbia.edu>
Source record: 206306

In article <DLy7qy.AKF@news.cern.ch>,
Markus Baertschi <markus@sp071.cern.ch> wrote:
> I'll be visiting Summit (NJ) in two weeks from Europe and am
> looking for advice to find good HAM shops. I'll be looking for
> a small TNC (Kantronics TNC-3) and various other stuff. It's
> an awful lot cheaper then at home !

There is one (1) ham radio store in NYC -- Barry Electronics. It gets mixed
reviews. People are divided over whether they hate it or merely dislike it.
Any and all major ham outlets are invited to open up a branch in NY.

> Can you direct me to stores I could visit ?

If you don't mind triving about 2 hours, there's Ham Radio Outlet in New
Castle, Delaware.

> Thanks Markus

//jbaltz
jerry b. altzman Entropy just isn't what it used to be +1 212 650 5617
jbaltz@columbia.edu jbaltz@sci.ccny.cuny.edu KE3ML (HEPNET) NEVIS::jbaltz

1580. IC 735

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: vanhorjh@acasun.eckerd.edu
Message-ID: <4ep3qd$lj1@acasun.eckerd.edu>
Source record: 206307

IC 735,Power supply, automatic antenna tuner and ISO Loop getting dusty
from no use and should be in the hands of a worthy ham. Jim N4TFJ

1581. subscribe

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: LawyerJoe@aol.COM
Message-ID: <960131145457_132406269@mail02.mail.aol.com>
Source record: 206308

```
subscribe
```

1582. Siemens Communications receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: radiomatt@aol.com
Message-ID: <4eo0c6$o9f@newsbf02.news.aol.com>
Source record: 206309

I recently acquired a gem: a Siemens (German) HF receiver covering 1.5 to 30 MHz; about half the tubes are nuvistors the rest are minis; it seems to use a Barlow-Wadley type circuit, as you have to set a 0.1 Mhz dials, and then tune up from the lower setting to your freq (up to 100 kHz). Recent enough to have upper/lower sideband switch, three filters, and other goodies. It's in good shape but inoperative. I'd date it about 53-58; it has influence of both Racal RA-17 and Collins R-388 in it, to judge by layout. Subasssemblies are silver-plated.
Does anyone have a service manual or other info on where I could get a manual, or get it serviced? (I'm in Germany and UK a lot on business).

1583. IC-2GAT Manual Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: doragsda@oboe.calpoly.edu
Message-ID: <4eobbs$3g5@isnews.csc.calpoly.edu>
Source record: 206310

I need an instruction manual (photocopy would be OK) for an Icom
IC-2GAT 2M HT. Please e-mail with cost. Thanks.

1584. Boatanchors

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: woh@gp.magick.net
Message-ID: <4enc8c$sef@news.magick.net>
Source record: 206311

Anybody have and old tube-type shortwave rec or trans etc for sale,
prefer pre-WWII up to 1960 or so...
--

William O. Hooper (Bill) woh@magick.net John 3:16

1585. Need Manual for PT-3 Preamp

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: rpmccoy@usa.pipeline.com
Message-ID: <4eohek$19f@news1.usa.pipeline.com>
Source record: 206312

I need the manual for an Ameco PT-3 Preamp.

I will pay cost of copying and postage. Or, if you want to sell
your manual, I will buy it.

Please respond by E-Mail.

Thanks,

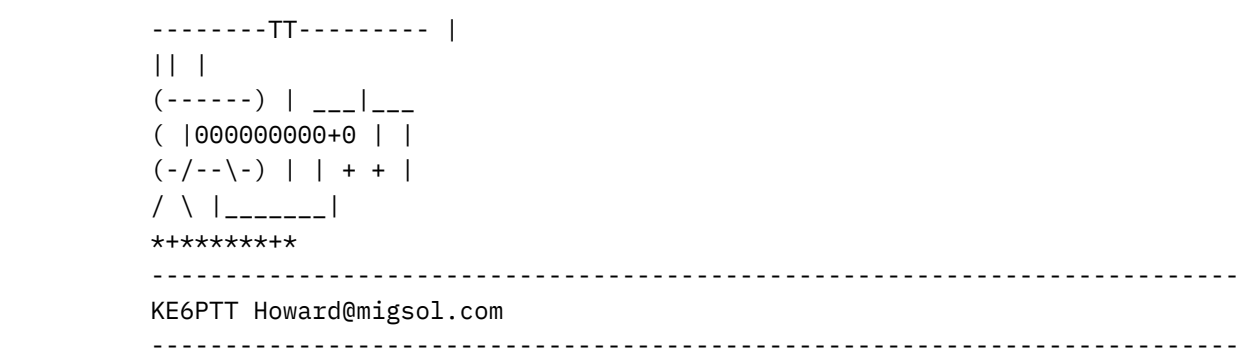
Dick, N4UN
rpmccoy@usa.pipeline.com
72457,264

1586. QUESTION: TM733a receive problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: howard@migsol.com
Message-ID: <DM2IwD.Fv0@migsol.com>
Source record: 206313

Has anyone heard of the Kenwood TM733a having problems receiving,
when it can transmit into the repeater ok. The repeater was puting
out a very good full quiting signal, everyone else could here, but
the TM733a could not hear it. It transmited a good signal into the
repeater.

--



KE6PTT Howard@migsol.com

1587. <<FREE Ham Radio Classified Page Now Open on the WWW>>

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-3101962300210001@host21.cyberg8t.com>
Source record: 206314

The Raymond Sarrio Company's Ham Radio WWW site is proud to announce a FREE Ham Radio classified advertising page at http://www.csz.com/sarrio.html. This new classified page will allow Hams to find equipement with the help of a search engine--no need to scroll through 100's of listing before you find that special piece of gear. Plus, when you find the gear you'er interested in, you are also provided with easy point-and-click e-mail access, directly to the Ham that listed the item.

For those Hams with gear to sell, take note! there is NO charge to list your equipment within Ham Classifieds, and there will be no posting time delays. Your posting(s) will go on-line in our classified search engine in about 1 hour. All you need do is fill out a simple forms page, and upon its (point-and-click) submission your "For Sale" classified is immediately on-line.

I will be purging the classified listings initially, about once every month, but that timeline will shorten as our classified numbers grow.

Give it a try, and let me know how you like it (we are still beta testing)
73's Ray
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront on tth WWW at http://www.csz.com/sarrio in association with Brillar Enterprises http://win-win.com/brillar an Extensive Discount CD-Rom Catalog!

1588. Re: Increasing the Power of the QST Antenna Tuner

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: Bill Harwood <harwood@sirius.chinalake.navy.mil>
Message-ID: <DM29wt.L7L@avalon.chinalake.navy.mil>
Source record: 206315
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

That is the solution that SGC uses in the SGC-230. It has a metal box cover over the digital part and a groundplane in the circuit board.

Good Luck

```
\-----------------------------------------------------/
\ Bill Harwood U play it, I'll dance it /
\ AB6DY or /
\ I'll play it, U dance it /
\-----------------------------------------------/
```

1589. Re: UHF GE Mastr II Repeater Mods???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: Rick Perry <kg7a@wolfenet.com>
Message-ID: <31105B66.6E01@wolfenet.com>
Source record: 206316

Versatel Communications has a conversion manual for 12.00.
1-800-456-5548. I've used their conversion and it works, but gave the
manual away several years ago.

Rick

1590. Re: Shopping in NY/NJ area

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: gkantor@intac.com
Message-ID: <4ep8q8$aco@nile.intac.com>
Source record: 206317

To: markus@sp071.cern.ch
Subject: Shopping in NY/NJ area

M> I'll be visiting Summit (NJ) in two weeks from Europe and am
> looking for advice to find good HAM shops. I'll be looking for
> a small TNC (Kantronics TNC-3) and various other stuff. It's
> an awful lot cheaper then at home !

M> Can you direct me to stores I could visit ?

Markus,

One vendor you might want to try is "KJI Electronics" located in Verona,
N. J. Gene, K2KJI is reliable and his prices are quite comparable to the
mail order houses. He is open evenings and during the days on weekends.
Give him a call at (201) 239-4389.

73's

Gary, WA2BAU

1591. Re: FT 767 Extended Rx/tx Mods Anyone ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: mbrinkho@falcon.inetnebr.com
Message-ID: <4eo7g2$a0f@duck.inetnebr.com>
Source record: 206318
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

micio (myaddress@myserver.mylocation) wrote:
: I got a Yaesu FT 767 GX, with 144 Mhz unit. It's a good rig, expecially for
: The 2m unit works till 145.999.
: My question is: how to extend till 147.999 ?
: The same problem is on the other unit (430 Mhz)!

There is a "mod" to take care of your 2M problem on the QRZ ftp site. After a reset, the 2M module defaults to that Japanese 2M band (144-146MHz). To reset it to US 2M, you have to turn the backup switch off and hold down the "2" key on the keypad while turning the rig on. The 430 module only supports 430-440, if you want to use the upper half of 70cm, you have to replace the module with the 440-450 one.

: It's also possible to extend TX capabilities ?

There is a switch you can flip inside the rig to make it xmit pretty much anywhere on HF. Again, the actual mod is on the QRZ site.

Incidentally, I'm looking for a 6M module for my 767, if anyone has one they'd like to part with.

--
Matt C. Brinkhoff, KB0RXC
mbrinkho@inetnebr.com
Lincoln, Nebraska [EN10]

1592. Re: timewave 599

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: Kory Hamzeh <kory@avatar.com>
Message-ID: <Pine.BSD/.3.91.960131094850.26884B-100000@avatar.avatar.com>
Source record: 206319

On Tue, 30 Jan 1996, Bill Cleveland wrote:

> Does anybody have any expereience and opinions on the new timewave
> DSP?
>
> (I posted this before, but I don't think Interramp handles USENET
> well.)
>
> Thanks,
> Bill
> KR4TZ
>

The DSP 599 has not been released yet. It's scheduled for mid february.

Kory
AC6RN

1593. Re: Connector Insertion Loss

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: rst-engr@oro.net
Message-ID: <4epsjs$bb9@hg.oro.net>
Source record: 206320

>Actually, many radio manufacturers and antenna manufacturers use
>PL259/SO239 connectors on their equipment. The trick is to take
>the transmission line segment behavior into account in the unit's
>output or input network design, IE this short transmission line
>transformer becomes part of the input or output impedance matching
>network. The only place you can run into trouble is if you use UHF
>connectors with inline splices. Then there will be a discontinuity,
>and no network in which to absorb it.

Gary --

You and I have had some spirited discussions over the last few months in which we have debated the fine points of design and I've respected your point of view and debated it as one pro to another. In the last couple of days I have seen some stuff from you that just isn't what I've come to expect from you as an old-time professional in this trade and I'll just shine it on as a bad hair week.

Only to say that the rest of your reply to this post isn't close to the truth and we'll talk about it in the newsgroup later.

Jim

Jim Weir VP Engineering | You bet your sweet patootie I speak
RST Engineering | for the company. I OWN the cotton-
Grass Valley CA 95945 | pickin' company.
voice/fax 916/272-1432 | AR Adv. WB6BHI Cessna 182A N73CQ
rst-engr@oro.net | Comm'l Pilot & CFI Airplane/Glider A&P Mechanic

1594. Re: Crystal Sources Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: jgoecks <jgoecks@pacifier.com>
Message-ID: <4eoqn4$5e@news.pacifier.com>
Source record: 206321

tsimpson@iglou.com (William Simpson) wrote:
>I have recently aquired a older Standard 2m HT. I am trying to locate a
>source (cheap & reliable) to find crystals for it. I need to be able to
>specify frequency's so I can program it with offsets as well. Post the
>Info here OR E-mail me with it.
>
>--
>Tom Simpson
>tsimpson@iglou.com
>KF4GKW

Try JAN Crystals
1-800-JAN-XTAL

PO Box 60017
2341 Crystal Dr.
Ft. Myers, FL 33906

Jim Goecks WA7UKS

1595. Re: Sticky relay on IC 720

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <4emugl$4g1@news.halcyon.com>
Source record: 206322

Most likely thr trouble is the rotary relay that is dirty. This is usully the cause when the 720 exhibits as you describe. The ortary relay is no longer available so your only option is to clean it well.

Gary

1596. Re: IC-706 AM mode

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <4emup1$589@news.halcyon.com>
Source record: 206323

Carmine,

Yes the ICOM 706 uses a very low level AM modulation, where the carrier is 40 watts and the audio is subtracted from the carrier to make a modulation enevolpe. Most ICOMs are SSB radios first.

The 706 does indeed have the CI-V port with a new higher speed of 19,200 available now for computer to radio data linking. the entire CI-V command set for the IC-706 is also published in the 706 operators manaul.

Gary

1597. Wanted: Max Trac Mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: pjgolfer1@aol.com
Message-ID: <4ep9rq$991@newsbf02.news.aol.com>
Source record: 206324

I need a new Motorola MaxTrac Mobile Two Way Radio. It should have two tower capability. If anyone has any help, please e-mail me.

Peter

1598. Wilderness Radio QRP transceiver kit article in 73: missing address/phone

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: wayne@interval.com
Message-ID: <wayne-3101961918350001@burdick.interval.com>
Source record: 206325
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment

73 published Jeff Gold's nicely-written product review on the NorCal 40A, but they left out the address and phone for Wilderness Radio. Here it is. Also note that the kits are no longer available from NorCal (the Northern California QRP Club). The kit as shown is available only from Wilderness.

Wilderness Radio
P.O. Box 734
Los Altos, CA 94023-0734
U.S.A.

(415) 494-3806

1599. Alinco DJ 580 Mod?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: jappel@unn
Message-ID: <4eos74$9m4@lynx.unm.edu>
Source record: 206326

What is the mod necessary to open the Alinco DJ 580 to allow transmitting outside of the 144-148 range?

Thank you.

1600. March 95 QST review wanted.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: cnord@mail.snet.net
Message-ID: <4emipq$1328@CT1.SNET.Net>
Source record: 206418

I would like a copy of the review of the Icom IC820H....Anyone help
me out with a copy ?
Thanks,
Carl Nord
WA1KPD

1601. Re: Any comments on Alinco DJ-F1T/HP or Kenwood TH-22AT(5W)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: dcollin@connix.com
Message-ID: <4emhoq$730@comet.connix.com>
Source record: 206419

blancast@vt.edu (Beth Lancaster) wrote:

>I just became a ham, and am looking for a handheld two meter radio. I
>have looked at these two, and I am leaning toward the Alinco because it is
>cheaper. Any comments are welcome. Thanks Beth

I owned a DJF1T/HP as my first 2m HT, and am sorry I ever parted with
it! Tough as nails, no problems with it at all. Lots of convenient
features ... FWIW

1602. QUESTION: What is FT-101EE value (help)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: allenm@rain.org
Message-ID: <4en0jd$31c@news.rain.org>
Source record: 206420
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

Hi ...the rig is cosmedically good , has external speaker,
YC-601 display, reciever works, output is low
(finals,predriver ?) any input on what this unit is worth
would be GREATLY appreciated ! TNX...73's KB6PQG

1603. Re: IC-706 schematic ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: Jim Nance <jnance@mail.one.net>
Message-ID: <310F17B4.20CF@mail.one.net>
Source record: 206421

Gary Coffman wrote:
>
> In article <8213108152002@lss.humnet.humberc.on.ca> hduff@humnet.humberc.on.ca (Hugh Duff) writes:
> >
> >Anyone know how to go about aquiring a schematic
> >for the IC-706. Not only did I not get a mobile
> >mounting bracket for it but no schematic !!!
> >I hope its not an "option" too ! (ie...must purchase
> >the service manual to get a schematic ???)
>
> You got it, Hugh, the schematics are only included with the
> $48 service manual (which is due out this month, I have one
> on backorder). I think this stinks! However, there are some
> Xeroxed schematics floating around. If you pester your Icom
> rep hard enough, he might be able to get you one.
>
> GaryContact Gary Fiber with Icom and he will send you one. I was talking to him on the phone about another subject and he asked me if I wanted a schematic for my 706, naturally I replyed yes. I received it within a week.

73 de KE4WY

> --
> Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
> Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
> 534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
> Lawrenceville, GA 30244 | |

1604. FS MR-8100

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: donaldt@ipars.sds.com
Message-ID: <4emc0r$kfc@news2.cts.com>
Source record: 206422

FOR SALE UNIDEN MR-8100 SCANNER DEMO UNIT WORKS $250.00
+S/H DONALDT@SDS.COM

1605. Re: ICOM IC 2350H MODS?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: kd4htw@aol.com
Message-ID: <4enfet$hpd@newsbf02.news.aol.com>
Source record: 206423

Hey W1 is in the small "hole" in the casting under the speaker. That will open up the 440 side. W1 looks like a white resistor cut it.

Dont know about the other mods

1606. FS: HT and CB conversion Base

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: Robert <etac@aloha.net>
Message-ID: <4emljq$1oh@nuhou.aloha.net>
Source record: 206424

I have the following items for sale:

FT-727R Dual band HT with quick charger/amp and AA adapter.
$250 OBO

UNIDEN President Grant 11 meter/10 meter Voice only SSB/am Base
Also includes Black Cat Frequency counter/signal analyzer>
Make offer(price will include shipping)

Email back please. Harps

--
It's not that life is so short. it's that death is so long.

1607. Re: IC706 and narrow filter in FSK

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: faunt@netcom8.netcom.com
Message-ID: <FAUNT.96Jan30180320@netcom8.netcom.com>
Source record: 206425

Will the radio run full power at 100% duty cycle on FSK?
Or how much does it need to be derated?
73, doug

1608. Looking For KNWD RC-10 or RC-20

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: Troy Wolford <wolford@resbld.csc.ti.com>
Message-ID: <4eo8rm$rh2@superb.csc.ti.com>
Source record: 206426

I am trying to find a Kenwood RC-10 or RC-20 controller that will
work with the TM-2xx,4xx,7xx VHF/UHF FM XCVR's. Gives the capability
of remote mounting several XCVR's and controlling them with 1 unit.
Any and all leads would be most appreciated. Please respond via e-mail.
Thanks in advance
73's Troy Wolford KC5KDM

1609. NEED HELP WITH HTX-202 AND ALINCO DJ-160 FINAL

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: Igor Sokolov <igor@sokol.pssr.e-burg.su>
Message-ID: <AAEt-xmOHE@sokol.pssr.e-burg.su>
Source record: 206427
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

I wonder if someone can help me with data on SRFH1900 wich is a final
transistor in REALISTIC HTX-202. I need to find a substitute for that one.
Another problem is a final device in ALINCO DJ-160. It is marked as

M57796H
05SJ

What that one can be substituted with. What is the data for that one.
You see, knowing data for both I will probably be able to locate Russian
equivalent.
And finally does anybody know of www site or other type of server were one
can search for particular electronic part and retrive tech data or get
to know where that part can be obtained.

--
Best regards,
Igor Sokolov, UA9CDC , (N3TOD)
E-mail: igor@sokol.pssr.e-burg.su
Phone/Fax: 3432 229621

1610. AOR AR8000 hand held.....full 800 coverage, MINT..for sale...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: dconti@carroll.com
Message-ID: <DM1yB3.C76@news2.new-york.net>
Source record: 206428
Cross-posted to: alt.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.swap

AOR AR 8000 top of the line hand held scanning receiver, full 800
coverage with cellular band, MINT, in box with ni-cads, all access.
Also includes soft leather case and mod/jack installed for reaction
tune with OPTO Scout. (Scout not included).....
$500.00 shipped to 48 states. COD is $5.00 extra.
E-Mail if interetsed.

1611. What ssb rig ????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: ee95ajm@brunel.ac.uk
Message-ID: <4enpt1$1kt@ccsp-26.brunel.ac.uk>
Source record: 206429
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,uk.radio.amateur

Hi,

Now that my 2/70 hand held has just packed up I was thinking about getting a ssb rig. My first problem is what frequency to get (i'm only a B license (above 30 Mhz only), and the second is what rig ?

I was hoping to maybe work some dx, so I was thinking about 6m, would I find much out there (my qth is 12 miles from Gatwick airport (in a valley :{)).

To get the most out of my signal (I can't use 2 much power as I live in a housing estate), I was thinking of using a beam, would this be the best bet ??

Sorry if these questions sound daft, but i've only ever used ssb at JOTA.

Andy, g7ueh

(before anyone suggests it, i am 'slowly' learning morse, but i need something to play with in the mean time !!!)

email - ee95ajm@brunel.ac.uk

1612. Re: Chip set for SSB Short Wave Transmitter/Receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: mwhite@mitre.org
Message-ID: <mwhite-3101961012550001@m14494-mac.mitre.org>
Source record: 206430

Bill Wright wrote:

> I am initiating a new design for a SSB Short Wave Transmitter/Receiver
> operating at 4.005 Meg.

Oops... have I fallen prey to the infamous "period - comma" confusion? Are you talking about 4 MHz, or 4 GHz? If the latter, please disregard my previous reply.

Mike, N4PDY

--
mwhite@mitre.org

My opinions are my own, not my employer's.

1613. NIR-10 Upgrade..Worthwhile????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: Bob.Horvath@Microserve.com
Message-ID: <96013150467@microserve.com>
Source record: 206431

Is the version 4.0 upgrade to the NIR-10 worth getting and doing?

bob.horvath@microserve.com

1614. Re: Where can one find a catalogue of equipment?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: charles gniech <gniech@srv.net>
Message-ID: <4emrbg$6rt@mars.hyperk.com>
Source record: 206432
Cross-posted to: rec.radio.amateur.swap,rec.radio.amateur.equipment,rec.radio.swap

Hello, there is Worldradio 1-800-366-9192 and Amateur Radio Trader
1-800-77-ham-ad. Both of these mags have used and new equipment listings.
Hope this helps DE KB7UZM.

1615. Help identifying pins on 2N5179 in TO-72 pkg

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: little@pecan.enet.dec.com
Message-ID: <4eojpk$et3@usenet.pa.dec.com>
Source record: 206433

I need help identifying the pins on a 2N5179 transistor in
a TO-72 package. Any assistance would be greatly appreciated.

73,
Todd
N9MWB

1616. IC736/IC738 comments

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: rphelps@asic.sc.ti.com
Message-ID: <4eojhf$ppt@spock.asic.sc.ti.com>
Source record: 206434

I am considering buying either the IC-736 or IC-738 and
would appreciate any comments from happy or unhappy users.
I like having 6 meters (IC-736), but also want 12V operation
(IC-738) for portable use. Any comments?

Regards,
Ralph
WA9JST

1617. Shopping in NY/NJ area

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: roland.stiner@hobbs.com
Message-ID: <8B9E03F.0027002CDE.uuout@hobbs.com>
Source record: 206435

To: markus@sp071.cern.ch
Subject: Shopping in NY/NJ area

M> I'll be visiting Summit (NJ) in two weeks from Europe and am
> looking for advice to find good HAM shops. I'll be looking for
> a small TNC (Kantronics TNC-3) and various other stuff. It's
> an awful lot cheaper then at home !

M> Can you direct me to stores I could visit ?

Please be aware! Do not shop at Barry Electronics in Manhattan. They
charge the highest prices in United States and cheat customers from
foreign countries. Sorry to say that other than Barry Electronic, there
are really no other ham stores in this area. Most people do all their
ham shopping through the mail.

OLX 1.53 de, NK2U

* Origin: CyberNet BBS Lyndhurst, NJ (1:2604/151)

.....oooooOOOOOo http://www.intac.com/~cono
__,-----. ---+_________#_ The Roy Hobbs BBS sysop@hobbs.com
|________| |__|__________} Node 1: 201-641-7307
ooooo oo ~ ooO-O-O-O == oo\ Node 2: 201-641-3126

1618. Moi

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: roland.stiner@hobbs.com
Message-ID: <8B9E03F.0027002CDF.uuout@hobbs.com>
Source record: 206436

To: nmdaude@imaginet.fr
Subject: Moi

N>Bonjour

Bonjour, c'est bien de trouver quelqun qui parles le Francais!

OLX 1.53 de, NK2U

* Origin: CyberNet BBS Lyndhurst, NJ (1:2604/151)

.....ooooo0OOOOo http://www.intac.com/~cono
__,-----. ---+_________#_ The Roy Hobbs BBS sysop@hobbs.com
|________| |__|__________} Node 1: 201-641-7307
ooooo oo ~ ooO-O-O-O == oo\ Node 2: 201-641-3126

1619. Re: TS 440 Sat

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: dnorris@k7no.com
Message-ID: <4eol42$2dn@news.syspac.com>
Source record: 206437

"Homer E. Franks" <hfranks@bihs.net> wrote:

>for sale a kenwood ts440 sat with voice synthesizer and all the filters
>for sideband and cw. Very clean witha ps 53 power supply ----price
>$995.00

5 times?

C. Dean Norris, Esq.
Amateur Radio Station K7NO
e-mail to dnorris@k7no.com

1620. Atlas 210X Service Bulletins 1-5

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: realbill@phoenix.net
Message-ID: <4eoqr4$m05@gryphon.phoenix.net>
Source record: 206438

Information that I have recieved indicates that there was an article published called "Making a good transceiver even better" whic was directed toward the Atlas 210X. The author mentioned five (5) different service bulletins which were once available from the following location which is now out of business at this location.

Atlas Radio, Mr Clint, W6OFT
Customer Service Manager
417 Via del Monte, Oceanside, CA 92054

I am very much interested in these bulletins and would be happy to pay for cost associated with the copying and furnishing to me. Another Amateur which has indicated interest in the same doccuments is DL1FDF who can be reached via 'bauer@hrz.uni-kassel.de'.

Thanks for your help.

Bill, W5BBR
w5bbr@phoenix.net

1621. Re: IC-706 AM mode

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: davef@radiozone.com
Message-ID: <N.013196.151153.42@ppp29.ns.net>
Source record: 206439

My 706 only downward modulates if the SWR is high, otherwise, it works great on AM!!!

> Tried my 706 on am and got 'excellent' reports on the audio. Don't know
> about the downward modulation problem.
>
> Carmine M. Iannace (iannace@bu.edu) wrote:
> : I am thinking of purchasing the IC-706. My concern is that its AM
> : transmit mode suffers from the same "downward" modulation characteristic
> : that the IC-735 exhibits. In short, when you adjust the the IC-735 for
> : AM transmit(about 25 or 30 watts carrier if the PEP output of the final
> : is about 100 watts) the output lessens as you apply audio to the carrier
> : as opposed to increasing as is usually the case on Kenwood and Yaesu
> : tranceivers(and on AM broadcast transmitters).
>
> : If someone could try their IC-706 on AM to see if this characteristic
> : appears I would be very appreciative. Also, does the radio have a
> : computer control connector?
>
> : KA2PAP
> : Carmine
>
> --
> Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

Listen to "THE ZONE", Sacramentos alternative rock station.
On 100.5 with a whopping 115 kilowatts ERP of , quality music!
de N6MAI and N6MAI/R (444.300+51.98). 5-9 in CM 98!

1622. Need CHEAP 440 Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: n9mxt1@aol.com
Message-ID: <4engma$i3h@newsbf02.news.aol.com>
Source record: 206440

Hello,
I am going to be running a DX/CLUSTER Node... and currently I have 1 VHF 2M radio and a dual band mobile 2M/70cm. Well, the problem I have is I don't want to use the dual band for the node cause it will take over one end of the band and so, the other band will just be a waist cause I can't transmitt on 2 bands at once.. So, I am needing a CHEAP... I MEAN CHEAP 440 radio could be 1 channel programmable or CRSYTAL I don't care...the only care I have is I need it programmed for 430.0500 MHz or crsytalized at 430.0500 and at least 10watts.

Anyone have a 440 radio that can will go to 430.0500?? Also, need the wiring diagram for the mic so that I can wire my TNC to it!

Looking into spending only about $50-70...

Let me know if you have anything.... Thanks N9MXT1 - Jeffrey
N9MXT - Jeffrey

1623. Re: IC706 RELAY

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <DM2Iq8.4qF@iglou.com>
Source record: 206441

Looking at the schematic, I see several relays. Of course there are the
BP relays and the off/on relay but which one actually puts the rig in
transmitt mode or are there more than one perhaps?

Steve Ellington (n4lq@iglou.com) wrote:
: Has anyone taken a look at the relay. I want a quiter, faster one. How
: many poles, coil voltage and size? It looks like it may be hard to access.

: --
: Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

1624. Re: ham havoc

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: mwhite@mitre.org
Message-ID: <mwhite-3101960956380001@m14494-mac.mitre.org>
Source record: 206442

Ben Stegner wrote:

> Amateur radio operators (hams) are creating worldwide havoc, how
> may you ask ? well these seemingly harmless radios emit
> radiation across the world. The scoundrels that use transmitting
> devices actually transmit radio waves that can cause cancer and
> genetic havoc, remember there has to be a lot of power to send a
> voice signal from Canada to Africa !!

An interesting point of view. First, electromagnetic "radiation" generated by radio transmitters is quite different from radiation generated by radioactive nuclear processes; it's not the same thing at all. Second, amateur transmitters are limited to a maximum power of 1000 watts; most operate at 100 watts or less. This is completely insignificant compared to commercial and government radio, tv and radar transmitters which typically generate 50,000 to 5,000,000 watts or more. Third, there is no conclusive evidence linking radio emissions to cancer.

>...what about the catastrophic mess thats done to our television and radio
> reception.

Cases of broadcast interference are now quite rare, and are frequently the fault of inexpensive radio and tv recievers whose designers omitted even the most rudimentary filtering as an economy measure. In most cases, a simple, inexpensive add-on filter completely eliminates any interference with no noticable degredation to the picture or audio.

> You can be sure that a lot of these scoundrels
> build homemade equipment in the darkness of their basements that
> exceed the rules of society...

Our licenses, which we earned by passing rigorous exams on radio theory and regulations grant us the right to build transmitters if we wish. In this day and age, however, such homemade equipment is quite rare; most hams use commercially built transmitters. In any case, there are rules concerning power levels and spectral purity to which even home-built transmitters must adhere.

Exposure to radio energy is a legimitate health concern, although not all the evidence is in yet. Hams do much good in the world, providing emergency communictions in disasters that disable telephone and other commercial communications systems. You should try to learn more about ham radio and the issues involved before being so critical.

Mike, N4PDY

--
mwhite@mitre.org

My opinions are my own, not my employer's.

1625. Regency LMV25b modifications wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: logank@teleport.com
Message-ID: <4emrkj$3qh@maureen.teleport.com>
Source record: 206443

I finally found out how to program this radio. What I need now is information on how to modify for 2 meters.

Thanks.

Phil
KD7ZD

1626. IC706 RELAY

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <DM26F1.B88@iglou.com>
Source record: 206444

Has anyone taken a look at the relay. I want a quiter, faster one. How many poles, coil voltage and size? It looks like it may be hard to access.

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

1627. For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: UWishUknew <noone@nowhere.com>
Message-ID: <310FFD34.6D40@nowhere.com>
Source record: 206445

I have a Kenwood TS 520S for sale w/a DG-5 frequency display.
I will NOT split them up.
520 is in excellent condition. Used by non-smoker. Has original manual.
DG-5 needs fixing.
$350 you ship.
For more info you can contact me at one of the following addresses:
rwerner@usit.net
rwerner@utk.edu
Packet: KC4URW@N4QEA.#METN.TN.USA.NA

Thanks,
Bob Werner KC4URW

1628. Re: Marine Deep Cycle battery charging

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <823081770snz@microvst.demon.co.uk>
Source record: 206446

In article <1996Jan30.205230.20651@ke4zv.atl.ga.us>
gary@ke4zv.atl.ga.us "Gary Coffman" writes:

> It doesn't *taste* the same, yuck! A test would be to drop a 10 penny
> nail into a bottle of it. Real high test Coke will dissolve the nail
> in 24 hours. If Diet Coke will too, it'd probably work.

So that's what Destructive Testing is doing in Atlanta :-)

(I wonder who tests Pepsi?)

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

1629. Need Kenwood TS430S Service Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: perryn@ix.netcom.com
Message-ID: <310f4d6f.215855@nntp.ix.netcom.com>
Source record: 206447

I NEED the service manual for the Kenwood TS430S.
Would prefer ORIGINAL manual. If anyone has this
book, pls respond to:
PERRYN@IX.NETCOM.COM

Thanks,
Bill
KD4HVE

1630. WTB MC30 mike

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: ECW@ssd.ray.com
Message-ID: <DM2E3v.Hvq@ssd.ray.com>
Source record: 206448

Looking for a Kenwood MC-30 mike

Reply to ECW@ssd.ray.com

1631. Re: Grounding problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: edbu@sepia.wv.tek.com
Message-ID: <4eoo9fINN61i@sepia.wv.tek.com>
Source record: 206449

In article <4el6e4$8tc@newsbf02.news.aol.com> w8jitom@aol.com (W8JI Tom) writes:
>
>Braiding is great for car battery and power supply wiring, but it's much
>better to use flashing for RF and lightning protection. If you have to use
>a flexible wire, use stranded wire with minimum amount of twist.
>
>73 Tom

I've always wondered about using 1/2 or 3/4 inch copper water pipe as my ground rod feed. It is plenty heavy enough, and I could "plumb" it right up to my workbench from outside. All the connections would of course be soldered, and my final connection to the ground rod could also be friction fit, then soldered (using my two gas torch).

Anyone see any problems with this idea? I'm anxious to try it as soon as the ground thaws out a little. My #10 ground wire just isn't cutting it rf wise. What do you folks think?

Thanks
Ed Burress
KC7GFX

1632. FS: Yaesu FT-530 in Germany

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: fks@fokus.gmd.de
Message-ID: <4ennqc$8vr@stern.fokus.gmd.de>
Source record: 206450

I apologize for this being posted in German, but I couldn't find a German amateur radio news group, so I'll try my luck in this one. Of course, if anyone outside Germany is interested in my FT-530, feel free to contact me via e-mail.

VERKAUFE:

Yaesu FT-530 duoband Handy, 2 RX pro Band, Crossband-Betrieb moeglich, mit DTMF und Subtone (beides En- und Decoding), AM RX auf 2m, erweiterter RX-Bereich, 40 Speicherplaetze pro Band, Vorzugskanal, div. Batteriesparschaltungen und Scan-Funktionen, Frequenzraster bis zu 1kHz (!).

Dazu das Fernbedienmike (genaue Modellbezeichnung ist mir leider entfallen), mit ebenfalls beleuchtetem LCD und Funktionstasten.

Beides in neuwertigem Zustand da wenig benutzt.

VB DM 950,-

Ich lese diese Gruppe sonst nicht, bitte schreibt mir also eine direkte E-mail.

Falk, DD6TY

1633. Service Manual for MOTO SP-10

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: "Alan K. Adamson" <ne1h@tornado.ne1h.radio.org>
Message-ID: <311031F6.76BB596B@tornado.ne1h.radio.org>
Source record: 206451

All,

I am looking for a service manual for a Moto SP-10, model number
P24RRC20F2

These are UHF single channel radios.

Any finding, please email to address listed below.

Thanks,
Alan Adamson
ne1h@ne1h.radio.org

ps. Does anyone know if these can be moved to Amateur service?

1634. Re: Clegg FM-27B and Regency radios

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: 72527.01012@compuserve.com
Message-ID: <4ens9c$89e@dub-news-svc-2.compuserve.com>
Source record: 206452
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

>I'd like to echo Gary's sentiments. I too had a FM-27B, and what he
>says is correct, though technically it didn't have a VFO, rather it
>had multiple VXOs. The only dirtier rig I've owned was the Regency HR-2.
>And at least it didn't drift, the Clegg did. It was certainly a novel
>radio for its time, but not something I'd want to put back on the air
>today.

Hi all!

I have also owned the Clegg FM-27B and reflect the same problems with
its spurious output. I also had severe intermod and overload promlems
on receive, as well. It was a novelty radio to own, though, in a day
when most radios were crystal controlled and had only 6 to 12 channels.
If I remember correctly, the Clegg also was one of the few that put
out a full 25 watts in a day when 10 watts was the norm for most rigs.

As far as the Regency, I have never owned an HR-2, but I still own an
HR-6, 6 meter rig. Those radios have the most un-stable transmitter I
have ever seen. You can keep the spurs down if you tune the transmitter
on the frequency you intend to use most, into the antenna you will be
using. Don't change frequencies, though, because you will throw spurs
all over the band!

I operate on 52.525 Mhz with this radio, and if my mobile antenna gets
wet, causing the SWR to rise, The transmitter goes nuts and I start to
bring up a repeater that has its input on 51.80, almost 2 miles away!
Now thats a sloppy transmitter!!!

I would like to see more stories relating to the classic radios going back
to the days when repeaters were just becoming popular----back in the
days when you were lucky to have 10 watts, a Ringo, and 6 channels.
It would be much better reading than all of the mud that is being slung
back and forth on this newsgroup!

73 de WA3RVT, Steve

1635. Re: Chip set for SSB Short Wave Transmitter/Receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: mwhite@mitre.org
Message-ID: <mwhite-3101961000030001@m14494-mac.mitre.org>
Source record: 206453

Bill Wright wrote:

> I am initiating a new design for a SSB Short Wave Transmitter/Receiver
> operating at 4.005 Meg.

Sound like an interesting project. However, transceivers capable of operating on this frequency are available in such profusion and at such low cost that one wonders why you are designing one from scratch. Do you have some special needs that aren't provided for in commercial offerings?

Mike, N4PDY

--
mwhite@mitre.org

My opinions are my own, not my employer's.

1636. WANTED!! ICOM IC-u2AT HT manual accessori^C

Newsgroup: rec.radio.amateur.equipment
Date: 1996-01-31 00:00:00 UTC
From: Timothy_Cadigan@fforum.blkcat.com
Message-ID: <NOMSGID_1=3A109=2F239.0_960131_230200_80dd6f88@fidonet.org>
Source record: 206454

KO4QC
Saw your note, send me an address and name
(also remind me what this is about) and I'll
send you a copy of the manual and a mod or two.
Good luck, nice radio, I've had mine for 6 years.
Tim Cadigan, WC1F
Timothy.Cadigan@f239.n109.z1.fidonet.org

1637. Re: What ssb rig ????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: Michael J Wooding <vhf-comm@g6iqm.demon.co.uk>
Message-ID: <4dgKpgAauTExEwri@g6iqm.demon.co.uk>
Source record: 206255
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,uk.radio.amateur

In article <823201516.2205@swanston.demon.co.uk>, Gavin Stirling
<gavin@swanston.demon.co.uk> writes
>When the DX is around you might need a bit of
>power to break the pile up.

Disagree - I have been op on 6m for the past 2 years with only 750mW and have worked most European and Near Eastern countries. Working DX is an *art* and does not require loads of power, but perhaps a fair bit of patience. The rewards are inversely proportional to the EIRP!

Mike

Michael J Wooding vhf-comm@g6iqm.demon.co.uk - CompuServe: 100441,377
Web Pages: http://www.eolas.co.uk/ag/vhfcomm.htm
Tel: (0)1788 890365 Fax: (0)1788 891883
KM Publications, 5 Ware Orchard, Barby, Nr.Rugby, CV23 8UF, UK
VHF Communications Magazine - Especially Covering VHF, UHF and Microwaves

1638. Re: Sources of electron tubes?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: Tom Pfaffenbach <tvpfaffe@mail.delcoelect.com>
Message-ID: <4er36d$bg1@kocrsv08.delcoelect.com>
Source record: 206256

Try Richardson Electronics, Ltd. Internet http://www.rell.com

1639. Re: Need Mods For TH-79A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: midnight@richmond.infi.net
Message-ID: <4ep8c6$l13@nw002.infi.net>
Source record: 206257

dab2@Ra.MsState.Edu (David A. Boackle) wrote:

>: Kenwood TH79 Dual Bander Modification and Feature Guide r1.5 9/13/94
>: ==
>: Clayton Wagar, KD4IDN
>: 920 West Crawford Street #7
>: Dalton, GA 30720

>This covers the th79a very well, and in great detail. I have a newer
>D(eluxe) model and am eagerly awaiting the new "Modification and Feature
>Guide". Has anyone heard anything about using the 79a mods on a 79ad?
>Clayton, have you recieved any information?

>Hope you have a great day, as for me, I will be enjoying the rather mild
>temperatures here :)

>73 de KC5AAW
>---
>David A. Boackle dab2@ra.MsState.edu Mississippi State University

David:

I did the "wide-band" mod on my TH-79A(D), I originally did the
"Mars/CAP" mod by cutting the green wire under the CTCSS decoder.
When I did the wide-band mod, I had to put the green wire. The only
thing that was different than the TH-79A, was that the VFO only went
to 470 rather than 512. Kenwood changed someting in the AD that made
it this way oh well. I have a full 800mhz scanner anyway. Also, I
wrote Clayton a letter via snail mail and via e-mail and did not
recieve a response from either so I am assuming that the version "2.0"
is not out. I may make a mod sheet myself and write down my
expieriences with the 79.

CJ Lagos
KF4CAG

1640. Re: Connector Insertion Loss

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <823203163snz@microvst.demon.co.uk>
Source record: 206258

In article <4epsjs$bb9@hg.oro.net> rst-engr@oro.net "Jim Weir" writes:

> Only to say that the rest of your reply to this post isn't close to
> the truth and we'll talk about it in the newsgroup later.

Hurry on back soon, please. That part which isn't close to the truth is
still eluding me.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

1641. Re: WTB: lafayette, allied electronics & heathkit catalogs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: rew5808 <bwilder@reallink.com>
Message-ID: <4epkdh$d8v@ferengi.prismnet.com>
Source record: 206259
Cross-posted to: rec.radio.amateur.swap,rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.homebrew

I am looking for some lafayette radio, allied electronics, and heathkit
catalogs from 1957 thru 1965.
would appreciate any help and/or any leads you can give me.

thanks
bobby wb5wur

1642. Heath SB-220 Schematic Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: jlanders@atl.mindspring.com
Message-ID: <4es784$gm6@brickbat.mindspring.com>
Source record: 206260

I have a SB-220 with a transformer so badly blown I can not read the values of the components it took with it from the board. I need to find a schematic. Any help will be most appreciated. I have not followed proper etiquette or posted in the right forum I apologize as this is my first posting attempt.

Thank you for your consideration,
Jlanders@mindspring.com

1643. Want to build a cheap antenna for FT-530

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: hutson@exis.net
Message-ID: <hutson-0102962343070001@34.exis.net>
Source record: 206261

Hi... I'm a fairly new ham, and want to build a cheap antenna for my handheld transceiver (FT-530) to use for packet. I'm going to use a power supply and want to get away with using it for packet instead of buying a base transceiver.

How do I do it cheaply? Any suggestions or recommendations? Is it easier or cheaper to buy something?

Please e-mail me at hutson@exis.net if you have any recommendations....

Thanks much, Pete Hutson.

1644. Re: Did QST Review the Ten Tec Scount 555?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: kk5ni@rapidramp.com
Message-ID: <4ep976$hl8@alterdial.UU.NET>
Source record: 206262

Paul Christensen <paulc@jax.se.continental.com> wrote:
>Yes, Dave Newkirk Reviewed it a while back, but I don't recall the issue.
>-Paul, N9AZ
December 1993, p.77 according to the QST index at
http://warp.ampr-umars.umsu.umanitoba.ca/umars/library/qst_93.txt
Rob Clark, KK5NI

1645. Re: What ssb rig ????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb1.180430.120@ke4zv.atl.ga.us>
Source record: 206263
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,uk.radio.amateur

In article <4enpt1$1kt@ccsp-26.brunel.ac.uk> ee95ajm@brunel.ac.uk (Andrew John Murrell) writes:
>Now that my 2/70 hand held has just packed up I was thinking about getting
>a ssb rig. My first problem is what frequency to get (i'm only a B license
>(above 30 Mhz only), and the second is what rig ?
>
>I was hoping to maybe work some dx, so I was thinking about 6m, would I find
>much out there (my qth is 12 miles from Gatwick airport (in a valley :{)).

Six is becoming popular, but due to the current state of the sunspot cycle you won't find much beyond local activity except during the infrequent band openings. *Then* it can get real busy. But if you're going to restrict yourself to one VHF+ band, I'd think seriously about a 70cm or 2m SSB rig before I'd set up for 6m. That's because there are many more operators, and more enhanced propagation modes to explore, on those bands. Your "dx" won't be global in scope (unless you go for EME), but it will be more frequent and more hectic as you chase tropo, aurora, and satellites.

However, if you're patient, a 3 element beam and a 100 watts on 6 meters can give you globe spanning results when the band does open. Meteor scatter also works better here than on 2 meters. In 4 or 5 years when the sunspot cycle comes around, 6 will be open to somewhere in the world almost daily.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1646. Re: Grounding problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4epjdf$e1u@newsbf02.news.aol.com>
Source record: 206264

In article <4eoo9fINN61i@sepia.wv.tek.com>, edbu@sepia.wv.tek.com (Ed Burress) writes:

>
>I've always wondered about using 1/2 or 3/4 inch copper water pipe as my
>ground rod feed. It is plenty heavy enough, and I could "plumb" it right
>up to my workbench from outside. All the connections would of course be
>soldered, and my final connection to the ground rod could also be
friction
>fit, then soldered (using my two gas torch).
>
>Anyone see any problems with this idea? I'm anxious to try it as soon as
>the ground thaws out a little. My #10 ground wire just isn't cutting it
>rf wise. What do you folks think?
>
>Thanks
>Ed Burress

I think that would work great Ed, but remember the thickness doesn't matter very much as long as it is more than a few thousandths of an inch thick. That's why flat copper foil is so good. It's very wide and smooth!

73 Tom

1647. Re: UNIDEN MR 8100 (800MHz Unlock Code)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: zilmer@bigtop.dt.wdc.com
Message-ID: <zilmer.823197572@bigtop>
Source record: 206265

In <4eeo15$rhi@server2.ols.net> Andy Brinkley <brinkley@ols.net> writes:

>richard@koyote.com (Warez House) wrote:
>>Do you have the unlock code for the 800MHz coverage......
>>(IF SO, EMAIL ME)
>>richard@koyote.com
>>Richard
>>
>>
>If my memory serves me correctly, the unlock code was either ECPA or ECPA87
>- a definite slap at the Electronic Communication Privacy Act.

>Hope this has helped

>73

>Andy N4ROX

Actually, it is ECPA1986.

Matt Zilmer, WA6EGJ
--
Matt Zilmer, WA6EGJ Connectivity Systems Group
CIS 71151,3236 Systems Simulation Dept.
wa6egj@wa6egj.ampr.org, 44.18.0.66 Western Digital Corp.
zilmer@dt.wdc.com, mzilmer@advradio.com Irvine, CA. 714-932-5118

1648. QSK Cookoff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <DM3Lzv.A4z@iglou.com>
Source record: 206266

Last night we ran a QSK cookoff to determin which of three transceivers
has the fastest QSK. The rigs were:
Kenwood TS-940S
TenTec Triton IV 540
Icom IC-706

Dots were sent at various speeds from the rig being tested while one dot
was sent by the breaking station. If the dot was heard, transmission was
stopped immediately to acknowledge the break. This was done multiple
times to eliminate the chance of error. Results were:

TS-940s Maximum speed was aprox. 30wpm.
Triton IV 25wpm
IC-706.....60wpm plus. It's keyer won't go any faster.

So even though the little 706 does chop it's dots, the recovery time on
the receiver must be oustandingly fast.

The Triton IV had the worst qsk even though it has better keying
reproduction than the 706. Recovery thime seems to be a problem. Even at
25 wpm it was difficult to hear the breaking dot.

The 706's receiver sounded like it was wide open even at 60 wpm and could
go much faster.

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

1649. Re: IMD resistant rigs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: LAXX43A@prodigy.com
Message-ID: <4epcd2$1qim@usenetw1.news.prodigy.com>
Source record: 206267

Try adding the PAC Electronics Notch Filter, for $ 68 bucks the noise is dramatically reduced for the wide open front end radios like the Kenwood TM 733A. 73. Mike W7CFL

1650. Re: Alinco DJ 580 Mod?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: Joeboo <joeboo@crown.net>
Message-ID: <31110334.6DCE@crown.net>
Source record: 206268

Bob, you are a genius! I tried it, and then I tried it again. Your modification has worked wonders on all of my radio gear. I never knew radio mods could be so simple. Thank you!

John
N9WLS - and I didn't even make it up

1651. Need Manual for a TAD AL-165

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: cropley@cbnews.cb.att.com
Message-ID: <4er554$bi6@nntpa.cb.att.com>
Source record: 206269

I got a freebee some time back. A TAD AL-165 (the case looks like
TAD bought some parts from Yaesu) vintage is probably early 80's
it is a 6 channel crystal H-T. I had a pair of crystals made for the
local repeater and it works ok. (had to have the H-T "retuned").

looking for additional info from manual, schematic, accessaries,etc.

Andy Cropley
KG2AQ

acropley@mail.att.net

1652. Re: In ear mic/speaker combo

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: mreising@aol.com
Message-ID: <4eqkcf$k81@newsbf02.news.aol.com>
Source record: 206270

I have purchased and used the Telex Ear-Mic adn they are a quality piece of equipment with excellent sound when properly adjusted. We used these when wearing self contained breathing aparatus for haz mat work. they cost ~200 to ~250 dollars if I remember correctly. I have not had any experience with the lower cost units such as the Ear Talk but the concept is valid. For the unit to work well you need to have a good fit in your ear, either a custom molded plug or for use between many persons a foam plug (hearing protecter plugs) with a hole punched thru the center. Telex makes an adaptor that has a small hollow post fitted to the ear phone over which you slip the foam plug. this provides a good seal allowing the earphone to pick up your voice. If you have the sensitivity set too high you will also pick up local crowd noise etc.

Hope this helps.

73 de Mark WB9BVV

1653. Re: HF Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: mreising@aol.com
Message-ID: <4eqkqm$kdk@newsbf02.news.aol.com>
Source record: 206271

I recently bought a DX70T and it is a good radio (replaced a TS140 in my mobile) however the separation cable is limited to 5 feet. I made a 5 foot extension for the cable but Alinco does not recommend use of cables longer than 5 feet due to possible loss of data integrity between the CPU in the control head and the radio. I'll post additional comments after I have used my extended cable for a while.

A couple friends have the IC706 and it is a good radio also. My only complaint with that radio is that 6 meters uses the HF port, I would have preferred it on the VHF (2 meter) port. The main reason I did not buy the radio was budgetary.

73 de Mark, WB9BVV

1654. Which 2M mobile to get?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: Jim Long <comptnce@airmail.net>
Message-ID: <311172CD.22CB@airmail.net>
Source record: 206272

I want to get a new 2 meter or 146/450 mobile. I want small size, intuitive ease of use, and a bright display with large numbers, since my eyes aren't what they used to be. I've read the poop sheets for the Icom, Kenwood, and Yaesu radios, I've seen them, and have narrowed it down to the Icom 281H ($379 locally) or the Kenwood 733A ($585 - $85 rebate). In your experience, any cons or special pros for these rigs? Do you have any better recommendations? I've looked for reviews, but CQ didn't have any. How 'bout QST? Is there a ham magazine nowdays especially for VHF/UHF equipment? Is there a place to buy with better prices than the others?

Jim Long
K5QPT
comptnce@airmail.net

1655. Need Drake TR-7 Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: swithrow@nyx.cs.du.edu
Message-ID: <4er2lj$snp@nyx.cs.du.edu>
Source record: 206273
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

I am in need of a manual (schematics) for a Drake TR-7. If anyone would be kind enough to share theirs, I would be willing to pay a reasonable amount for time, copying, and postage. Thanks in advance.
73,
Skip Withrow - WB0BBE
ah441@freenet.uchsc.edu
(303)693-0997

1656. Re: IC736/IC738 comments

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: rblood@ibm.net
Message-ID: <4ercoq$3cbo@news-s01.ny.us.ibm.net>
Source record: 206274

In <4eojhf$ppt@spock.asic.sc.ti.com>, rphelps@asic.sc.ti.com (Ralph Phelps) writes:
>I am considering buying either the IC-736 or IC-738 and
>would appreciate any comments from happy or unhappy users.
>I like having 6 meters (IC-736), but also want 12V operation
>(IC-738) for portable use. Any comments?

I have a IC-736 and have been quite pleased with it. Some of the older models
have the 30HZ off defect which is easliy corrected by a mod on the BARC archives.
The review in QST is quite accurate. The tuner works quite well. You will probably
not want to use the provided hand mic, since it is not that good, probably by
design. I have the ICOM SM-8, and it works quite well. I get a lot of good reports
when I am running digital modes. People often say the sigs sound good when
on CW. The notch filter is very good, but the noise blanker isnt worth much.
I would buy the radio again. If you plan to go mobile, buy a ic-706!

1657. Re: QSK Cookoff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <DM44Lv.93t@iglou.com>
Source record: 206275

: It's like none of the engineers did a complete job at any company, but I
: think Ten Tec is the best overall in all aspects.

Perhaps the newer TenTec rigs have faster recovery but the old Triton stunk. However, it has no phase noise and I could listen to it all day without tireing. The ICom roars like a freight train but is still better than the 940. It's a shame, so close yet so far!

Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

1658. Re: FS: Yaesu FT-530 in Germany

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: jayb@aol.com
Message-ID: <4erofe$3un@newsbf02.news.aol.com>
Source record: 206276

does the radio receive in english or german?? i'd be interested if it is english.

Jay

1659. Shure 444

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: James Weber <munga@quicklink.com>
Message-ID: <4er611$5j1@news.quicklink.com>
Source record: 206277

I am looking to buy a couple of Shure 444 mic`s NEW

1660. WTB: Mini-Products Inc. HQ-1 Mini Quad Antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: rafferty@wdc.net
Message-ID: <4epi3u$jh0@n1.wdc.net>
Source record: 206278

Does anyone have a Mini-Products Inc. HQ-1 Mini Quad Antenna kicking around that they would like to sell. I know this is pretty old.

1661. 1996 ARRL November Sweepstakes Location Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: tracker@indirect.com
Message-ID: <tracker.43.001C513D@indirect.com>
Source record: 206279

Dan Rockhold, AB7AS and Mark Sunders, KJ7BS are looking for a location in North Dakota from which to operate AB7AS during the 1996 ARRL November Sweepstakes.

If you are not a contester or know someone who is not a contester, and would be agreeable to having 2 guest operators for the contest, please respond!

We are in the planning stages for this expedition, but we need to get a location very soon.

We are interested in the station equipment, especially the antennas. We can bring out own radios, power supplies, computers and interfaces, if necessary. However, we can not bring the antenna farm, too.

The station owner is more than welcome to join us in out endevor, or just watch, keep up awake, or what ever. WE WANT YOU TO BE PART OF OUR TEAM. Our goal is NOT to win the contest, but to have a good time and gain new operating skills. From Dan's home QTH in Phoenix, AZ, we got all but 7 sections in the 1995 November Sweepstakes. We do have a lot of fun with this hobby.

If you are interested, or know someone who is interested, please contact me or Dan at one of the addresses below.

Mark Saunders, KJ7BS
tracker@indirect.com
KJ7BS@KC7Y.AZ.USA.NOAM

Dan Rockhold, AB7AS
danr@goodnet.com

73 DE

Mark Saunders - KJ7BS
Glendale, AZ
PACKET: KJ7BS@N7MRP.AZ.USA.NOAM
INTERNET: tracker@indirect.com

1662. Want IC-736 TX Mod $$ Reward

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: rblood@ibm.net
Message-ID: <4erccj$3cbo@news-s01.ny.us.ibm.net>
Source record: 206280

Will pay $25 to first person that will provide me with a valid all freq TX mod for the IC-736 HF transmitter. Simple as that.

1663. WTB: Yaesu FT-101E

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: Frank Todd <FAT101@psuvm.psu.edu>
Message-ID: <96032.154334FAT101@psuvm.psu.edu>
Source record: 206281

if anybody out there has an yaesu ft101e that they would like to sell
please email me.
-73's Frank

1664. Re: 82 Repeater in Kansas City

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: rob@pe1chl.ampr.org
Message-ID: <DM3E61.G7v@pe1chl.ampr.org>
Source record: 206282
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc

In <dbaker.85.000A5CBA@mail.bcpl.lib.md.us> dbaker@mail.bcpl.lib.md.us (Donald I. Baker) writes:

>Technical solutions do exist. Using a "TX-ID" board, which uniquely
>fingerprints each transmitter and a PC one can "slectively" include or
>preclude individual users.

>The board was not meant for that purpose, but with just a little Basic of C
>codes, it workd just fine. It is especially easy if you have a single or
>limited number of receive site.

Is that using some public key encryption technique?
If not, what is preventing the malicious from cloning one of the
apparently valid codes?

Also, what is preventing the malicious user from just keying up over
other people's transmissions, thus rendering the repeater useless?

Rob
--
+-----------------------------------+---------------------------------------+
| Rob Janssen rob@knoware.nl | BBS: +31-302870036 (2300-0730 local) |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+-----------------------------------+---------------------------------------+

1665. Re: 82 Repeater in Kansas City/Repeater Use

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: rob@pe1chl.ampr.org
Message-ID: <DM3E28.G6G@pe1chl.ampr.org>
Source record: 206283
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc

In <4elgqo$q73@nnrp1.news.primenet.com> sparkfel@primenet.com (Mark Fellhauer) writes:

>rob@pe1chl.ampr.org (Rob Janssen) wrote:

>>In <310B8C36.5D9@magnum.wpe.com> Eddie Caffray <caffraye@magnum.wpe.com> writes:

>>> On the 146.85 repeater here in Central NY we had trouble with one user also. He made it that
>>>no one would even monitor the reapeater anymore. The club voted to ban him and we did. The
>>>reapeater is a great place to be again.

>>How do you manage to effectively ban malicious users from a repeater?
>>Of course this problem is known all over the world, but at least over
>>here we have not yet found an effective way of stopping them. How do
>>you do that?

>Go to the Arizona Repeater Association's Home Page to see how this is
>done. It involves actively pursuing people who engage in such
>activity. The ARA, as a matter of routine, has an interference
>committee dedicated to tracking these people down.

>Despite reports to the contrary, the FCC does frown on this activity,
>and will enforce sanctions. Just ask the people here in Phoenix about
>that. An NAL, Notice of Apparant Liability, carries a stiff monetary
>fine, about $20,000 (US) worth and forfeiture of ALL broadcasting
>equipment and license(s).

Hmmm... it looks like HDTP (or equivalent of the FCC) does not put
out such drastic sanctions.
Normally one will lose the license for a year or so, and one could get
a fine of maybe $500.

This does not seem to stop some people... when you have been reading the
BBSes, you can see that the wellknown person that causes havoc on the
local packet network is still active. He is fully known by name,
ex-callsign, and address.
(he just uses callsigns of other people, mainly VERON officials, to
post offensive messages. he was also active on the phone repeater sometime,
transmitting over those same people, but I think he has lost interest in that)

Rob
--
+-----------------------------------+---------------------------------------+
| Rob Janssen rob@knoware.nl | BBS: +31-302870036 (2300-0730 local) |

```
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+-----------------------------------+---------------------------------------+
```

1666. FS: Kenwood DG-5 digital display

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: jd@acca.nmsu.edu
Message-ID: <4ep90l$fs2@bubba.NMSU.Edu>
Source record: 206284

I have a DG-5 digital display/frequency counter with original manual.
Good working order. I'm the original owner and a non-smoker. $125 plus
shipping.
--

J.D.

****
PGP 768/3B3C9D49: 33 4B 3D CB 59 38 06 E6 F4 E7 49 2F B6 E4 6F F8
Public Key available
****

1667. Re: IC-551 FM Board Sch.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: Pete Dziomba <n2mci@mhv.net>
Message-ID: <4ep2n2$98u@over.mhv.net>
Source record: 206327

That FM board was designed with descrite transistors and other Comp.'s.. Today we have IC's that are Mixers/IF's and Demodulators.. Ie NE602 & CA3089... And if you look at all the outputs of the CA3089 it will provide all of the various outputs that the 551 FM board did.. (S-Meter, Tuning-meter, & Squelch).. The modultor is just a basic 9.115 Mhz FM Mod.. The ARRL handbook has sereral examples of all these basic blocks.. They shared a common IF (9.115 MHz) point and used Diodes to switch between Trans/Rcv... I'll admit there will need to be a little tweeking to get all of the outputs at the exact level but that's true with any homebrew project... 73's Pete N2MCI

1668. Repeater Controllers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: asniffen@computer.net
Message-ID: <4ep8sa$809@news.computer.net>
Source record: 206328

Hi all,

I am looking for information on repeater controllers.

We are currently using an ACC model 850 controller which we have had on line for approximately 6 years. We would like to purchase a comparable unit which would be interchangeable with the 850 without having to do a major rewiring and/or audio level setting job.

Basically we want 2 completely interchangeable controllers so that one may be used to backup the other with a minimized amount of tweaking. The features would have to be similar, although I realize that identical features is not realistic.

Obviously, this would have been a simple purchase had ACC not gone out of business. But, so it goes.

Does anyone have any experience and/or suggestions? Please e mail me with any info or post it here.

Thanks!!

Al (asniffen@computer.net)
asniffen@computer.net
WB2IXR

1669. Re: IMD resistant rigs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: ghansen@accessone.com
Message-ID: <ghansen.604.31102652@accessone.com>
Source record: 206329

In article <4ehine$rrk@abyss.West.Sun.COM> "Dana H. Myers" <Dana.Myers@West.Sun.Com> writes:

>daniel@pandora.lugs.po.my (Daniel Wee, 9V1ZV) wrote:
>>Can anyone recommend a good IMD resistant rig for 2M (and
>>possibly dual bander with 70cm) I noticed that Kenwood rigs
>>are particularly bad. Is this a valid observation? How do
>>other makes compare? Thanks.

>(Hello Daniel!!)

>I've been using an Icom IC-2000H for the last year, and it seems to
>live up to the promise of the advertising. It is quite good; I
>have taken it to dense RF radio sites and experienced only very
>minor intermod. Having used an Motorola MCX-100 in the same
>application for a year preceeding the IC-2000H, my standards are
>probably pretty high (the MCX-100 has six sections of helical
>resonator, a high level RF amplifier and a diode mixer in the front
>end); the IC-2000 is almost as good.

>The Yaesu FT-2500 seems to be comparable.

I have the FT-2500 and it is great. It was the highest rated for IMD resistance in the QST lab test Jan 95 if I am not mistaken. Steer clear of the Icom 281- Yech! Nice rig but every signal in the universe invadesit.

Glenn - KB7PKC

1670. kpc-2 wiring questions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: kovar@zeus.ia.net
Message-ID: <4epc8l$rlr@hera.ia.net>
Source record: 206330

Jack
kovar@ia.net
ke0ax

1671. Communication Products, HF-007

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: atsushi_otsuka@om.jpn.hp.com
Message-ID: <4epeg6$hiq@akebono.tky.hp.com>
Source record: 206331

Does anyone know the phone number to call(either US or Japan) or
the address to write to buy a HF-007 from Communication Products?
Have you seen ads on any magazine lately?

Atsushi
7K2COJ/KE6FFS

1672. WTB-Traps or multi band trap dipole

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: allenm@rain.org
Message-ID: <4epn45$t6r@news.rain.org>
Source record: 206332
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

Hi...Im rebuilding my station.. looking for a relatively
cheap antenna to get back on the air... a trap dipole
(or vertical) or just the traps would work ....i have a mess
of #14 copper... just need traps leeme know whatcha got..
even advice...

tnx.. 73's ! KB6PQG allenm@rain.org

1673. Re: Help identifying pins on 2N5179 in TO-72 pkg

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: Wayne Jones <wjones.hgea.org>
Message-ID: <4epem6$f90@hgea01.hgea.org>
Source record: 206333

little@pecan.enet.dec.com (Todd Little) wrote:
>I need help identifying the pins on a 2N5179 transistor in
>a TO-72 package. Any assistance would be greatly appreciated.

Presuming a pin for pin replacerment for the ECG cross-reference, looking at the bottom, pin one is the first one in a clockwise direction from the tab.

1 - Emitter
2 - Base
3 - Collector
4 - Case

Hope this helps!

Aloha from the 5oth State
Wayne, NH6GJ

1674. IC 3220 bad rx above 449.995?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: dsk@jhk.com
Message-ID: <4eqf8v$bdd@brickbat.mindspring.com>
Source record: 206334

I made a mod to my IC-3220 to rx above 449.995, but the sensitivity drops like a rock when crossing from 449.995 to 450.000 . I have heard there is a mod to fix this, anyonw know what it is?

thanx Dave WD4KEZ

1675. Re: NIR-10 Upgrade..Worthwhile????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: Grant Youngman <nq5t@gte.net>
Message-ID: <3110BAE8.1CC@gte.net>
Source record: 206335

Bob Horvath wrote:
>
> Is the version 4.0 upgrade to the NIR-10 worth getting and doing?
>

I don't know. But upgrading to an NIR-12 is DEFINITELY worth doing.

Grant/NQ5T

1676. Re: QSK Cookoff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4eqoeh$llf@newsbf02.news.aol.com>
Source record: 206336

In article <DM3Lzv.A4z@iglou.com>, n4lq@iglou.com (Steve Ellington)
writes:

>
>Last night we ran a QSK cookoff to determin which of three transceivers
>has the fastest QSK. The rigs were:
>Kenwood TS-940S
>TenTec Triton IV 540
>Icom IC-706
>
>Dots were sent at various speeds from the rig being tested while one dot
>was sent by the breaking station. If the dot was heard, transmission was
>stopped immediately to acknowledge the break. This was done multiple
>times to eliminate the chance of error. Results were:
>
>TS-940s Maximum speed was aprox. 30wpm.
>Triton IV 25wpm
>IC-706.....60wpm plus. It's keyer won't go any
faster.
>
>So even though the little 706 does chop it's dots, the recovery time on
>the receiver must be oustandingly fast.
>
>The Triton IV had the worst qsk even though it has better keying
>reproduction than the 706. Recovery thime seems to be a problem. Even at
>25 wpm it was difficult to hear the breaking dot.
>
>The 706's receiver sounded like it was wide open even at 60 wpm and could

>go much faster.
>
>--
>Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

Steve, That was my point. If manufacturers do the keying correctly, it
detracts from the receive time. If they do sloppy keying, the receive time
is better.

What ICOM really needs to do is re-write the software. They need to add a
weight control and extend the tailing edge to match the leading edge
closer.

Your test is only of one aspect of the problem, you also should test the
external PA control line. In that case you will find some Kenwoods really
stink.

It's like none of the engineers did a complete job at any company, but I think Ten Tec is the best overall in all aspects.

73 Tom .

1677. Dual-Band Handheld

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: Morgan10@ix.netcom.com
Message-ID: <31103137.1530364@nntp.ix.netcom.com>
Source record: 206337

I'm looking to buy a dual-band handheld radio. I want to spend about 500.00. I would like one thats easy to mod for extened TX AND RX. I want decent quality. Anyone have any suggestions?? E-Mail me.

1678. Re: Advice-Yeasu FT-8500

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: dmartin@ti.com
Message-ID: <4eqnvm$lvd@superb.csc.ti.com>
Source record: 206338

In article <1996Jan29.155533.13567@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us says...
>
>(Paul S. Ewing) writes:
>>I'm thinking about buying a Yeasu FT-8500 dual band
>>mobile. Anyone out there have any strong likes/dislikes/problems
>>with this radio??
>
>I *hate* the microphone control system. (snip)

Like Gary, I hated the 'Mr. Potato Head' microphone on the 8500. I think there are knobs and/or buttons on every surface of the mic.. I noticed last fall that Yeasu had 2 versions of the rig. In addition to 'Mr. PH', they have a model that is more similar to a lighted DTMF mic. with a few extra buttons below the keypad, up/down buttons on the top side, and a small 'volume' control dial. (dial is switchable bewteen 'bands' and also between vol & sqw) The keypad/control layout is very similar to the FT-51 handheld unit - function + DTMF key for 'frequent' controls and a menu system for less-used features. I really like this version - setting up the memories & features with a PC is very handy (especially when planning long trips) and the alpha display is extra nice when traveling. I use the seperation kit for the FT-5200 (1/2 price of 8500 kit) for the display cable and added an external speaker and mic cable.

'73
Dave Martin n5hto@metronet.com

1679. [ANN] New version of MacGPS available

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: lwjames@ix.netcom.com
Message-ID: <4eqldf$ck8@reader2.ix.netcom.com>
Source record: 206339

A new release of MacGPS is now available. MacGPS is free software which allows transfer of waypoint, routes and track logs between a Garmin GPS receiver and a Macintosh computer. New features include a rendered topographic world globe showing your current location. There are also some bug fixes, so everyone who uses MacGPS should get this new version. Download it from:

ftp://mirrors.aol.com/pub/info-mac/sci/larrys-mac-gps-04b8.hqx

or the info-mac mirror site which is closest to you. After you download the file, drop it on StuffIt Expander to extract the application.

Larry James
James Associates

1680. Mod info needed for Kenwood TH79A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: trandall@mhv.net
Message-ID: <4ep8sg$c7l@over.mhv.net>
Source record: 206340

A friend of mine has the Kenwood TH79A. He did a mod (cut 2 diodes) to open up the extended recieve but he needs to know the keypad combination to access the extended recieve. E-mail responces appreciated!

Thanks!

Tom - KB2SMS

Tom Randall Amateur Radio - KB2SMS
trandall@mhv.net Mt. Beacon Amateur Radio Club / ARRL
Member: AAVSO Solar Division

Opinions herein are mine and they are not that of MHV.NET!

1681. CTCSS decoder for TM-2570A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: 4z9chb@4x4ac.ampr.ORG
Message-ID: <39320@4x4ac.ampr.org>
Source record: 206341

Hi!

I own a TM-2570A mobile transceiver by Kenwood and I would like to know
if there is a CTCSS decoder option for it. I have the CTCSS encoder.
If there is one, I would like to know its model and where can I get it
from.

Many thanks!

73! Ohad Miller, 4Z9CHB.
--

Ohad Miller, 4Z9CHB IP#: 44.138.40.62 |
QTH: Haifa, Israel. | 100 Grids on 880 MHz
Packet: 4Z9CHB @ 4X4HF.ISR.MDLE | 2 DXCC countries on 880 MHz
InterNet: 4z9chb @ haifa.ampr.org | 20 Holy-Land squares on 880 MHz
4z9chb @ 4z9chb.ampr.org |
gt6011 @ junior10.technion.ac.il | Using
Micro-Sats: 4X4HF @ UO-22, KO-23, KO-25 | All-Mode HT - Analog & Digital
=-= |

1682. Re: Grounding problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: rpmccoy@usa.pipeline.com
Message-ID: <4eq532$46j@news1.usa.pipeline.com>
Source record: 206342

RE:

>I've always wondered about using 1/2 or 3/4 inch copper water pipe as my ground rod feed. It is plenty heavy enough, and I could "plumb" it right up to my workbench from outside. All the connections would of course be soldered, and my final connection to the ground rod could also be friction fit, then soldered (using my two gas torch).
<

Ed:

I've been using this for about a year. It seems to work pretty well. The 3/4 " copper pipe just fits over a standard 5/ 8 " ground rod.

A slit in the end and a small hose clamp gives a good connection. Soldering would be even better.

In the shack, the end is easily flattened for whatever length. This facilitates easy drilling for mechanical connections. Mine is connected directly to an Alpha-Delta Transi-Trap. Heating that much copper for soldering may be beyond some persons soldering iron. (mine)

An extended flattened length could provide a ground bus.

HTH

Dick, N4UN
rpmccoy@usa.pipeline.com
72457,264

1683. service manual for Shinso sv1100

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: Pierre-Andre Rovelli <rpa00@bi.swissptt.ch>
Message-ID: <4eqnk3$7ba@scsing.switch.ch>
Source record: 206343

I'm looking for service manual of Shinso SV1100 handy vhf transceiver. Does anyone has informations about it. Any help would be greatly appreciated.

Pierre-Andre Rovelli HB9FMN
Email: rpa00@bi.swissptt.ch

1684. Re: IC-706 AM mode

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: davef@radiozone.com
Message-ID: <N.020196.085409.24@ppp19.ns.net>
Source record: 206344

> I am thinking of purchasing the IC-706. My concern is that its AM
> transmit mode suffers from the same "downward" modulation characteristic
> that the IC-735 exhibits. In short, when you adjust the the IC-735 for
> AM transmit(about 25 or 30 watts carrier if the PEP output of the final
> is about 100 watts) the output lessens as you apply audio to the carrier
> as opposed to increasing as is usually the case on Kenwood and Yaesu
> tranceivers(and on AM broadcast transmitters).
>
> If someone could try their IC-706 on AM to see if this characteristic
> appears I would be very appreciative. Also, does the radio have a
> computer control connector?
>
> KA2PAP
> Carmine

Mine only does that if the SWR is high!!-

Listen to "THE ZONE", Sacramentos alternative rock station.
On 100.5 with a whopping 115 kilowatts ERP of , quality music!
de N6MAI and N6MAI/R (444.300+51.98). 5-9 in CM 98!

1685. WTB: Kenwood ts440

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: pinnacle@ibl.bm
Message-ID: <4ep57o$oid@longtail.ibl.bm>
Source record: 206345

```
WTB: Kenwood TS440 or Ts 450 model, pls email pinnacle@ibl.bm
```

1686. Re: What ssb rig ????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: gavin@swanston.demon.co.uk
Message-ID: <823201516.2205@swanston.demon.co.uk>
Source record: 206346
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,uk.radio.amateur

ee95ajm@brunel.ac.uk (Andrew John Murrell) wrote:

>Hi,

>Now that my 2/70 hand held has just packed up I was thinking about getting
>a ssb rig. My first problem is what frequency to get (i'm only a B license
>(above 30 Mhz only), and the second is what rig ?

>I was hoping to maybe work some dx, so I was thinking about 6m, would I find
>much out there (my qth is 12 miles from Gatwick airport (in a valley :{)).

>To get the most out of my signal (I can't use 2 much power as I live in a
>housing estate), I was thinking of using a beam, would this be the best bet ??

>Sorry if these questions sound daft, but i've only ever used ssb at JOTA.

>Andy, g7ueh

>(before anyone suggests it, i am 'slowly' learning morse, but i need something
>to play with in the mean time !!!)

>email - ee95ajm@brunel.ac.uk

Well 6m is good in the summer with sporadic 'e' but e's each day
become a bit boring especially after your log fills up with italians
and balkan area people. When the DX is around you might need a bit of
power to break the pile up.....and when there are no 'e's about it's
as dead as a dodo. Until conditions improve I'd leave it as your main
band.

For my money I'd go for 2m, much more activity especially in the
South, up here in the sticks it's quiet. But you could get a rig such
as an IC251e (around 300UKP) and add an amplifier to take it beyond
the 10 watts it normally gives out. For example, with 70 watts and a
9ele yagi I managed to work down to Reading from Edinburgh last night.
Ok it was a prearranged sked but that appears to be the only way to
get a long distance qso these days.......

Cheers,

Gavin,
GM0WDD

~~~~~~
~ Gavin C. Stirling. GM0WDD ~
~ Edinburgh, Scotland ~
~ Home: gavin@swanston.demon.co.uk ~
~~~~~~

~ or ~
~ University: bdggcs2@caledonia.hw.ac.uk ~
~~~~~~
~~~~~~

1687. Re: Alinco DJ 580 Mod?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: Robert Werner <rwerner@utkux.utk.edu>
Message-ID: <311114C9.2390@utkux.utk.edu>
Source record: 206347

jappel@unn wrote:
>
> What is the mod necessary to open the Alinco DJ 580 to allow
> transmitting outside of the 144-148 range?
>
> Thank you.Remove the battery. Remove the 4 screws holding the metal battery cover.
Carefully locate the blue and red wires. Cut both.
This will allow transmit outside of the Hambands and 800 mhz receive
along with Aircraft receive.
Have fun,
Bob Werner
rwerner@utk.edu

1688. Re: Light weight Battry Charger ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: otterson@mindspring.com
Message-ID: <4erg5b$1c9@brickbat.mindspring.com>
Source record: 206348

ghassempoory@cf.ac.uk (M. Ghassempoory) wrote:

>Does any body know on any lightweight fast NiCad battry
>chargers which can be carried in a small rucksack? I am
>planning to go for a walk in the Welsh hills and I would like
>to have my dual bander with me for emergencies. I hope to
>charge the battries when I get to a civilised place. My slow
>charger takes about 16 Hours to charge and even then the
>battry is not capable of delivering more than 2 Watts.

Hi,
there are postscript schematics for a simple (but smart) fast
charger based on a MAX 713 on my web page:

http://www.mindspring.com/~otterson/ham.htm

No "l" on .htm....

Jeff Otterson
---
otterson@mindspring.com
Maker and user of tools
PGP key available at http://www.mindspring.com/~otterson/pgp.htm

1689. WTB: lafayette, allied electronics & heathkit catalogs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: rew5808 <bwilder@reallink.com>
Message-ID: <4epi45$d2r@ferengi.prismnet.com>
Source record: 206349
Cross-posted to:
rec.radio.shortwave,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.homebrew

I am looking for some lafayette radio, allied electronics, and heathkit
catalogs from 1957 thru 1965.
would appreciate any help and/or any leads you can give me.

thanks
bobby wb5wur

1690. Re: Sources of electron tubes?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: Tom Pfaffenbach <tvpfaffe@mail.delcoelect.com>
Message-ID: <4er35l$bg1@kocrsv08.delcoelect.com>
Source record: 206350

Try Richardson Electronics, Ltd. Internet http://www.rell.com

1691. Re: ould recommend the Santa Ana River Below Barton Flats. The San

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: Saad Mahaini <5606939@MCImail.com>
Message-ID: <4er75p$q0i@news.internetmci.com>
Source record: 206351

vanhorjh@acasun.eckerd.edu (Jim H. VanHorn) wrote:
>
>
> IC735,AT150,Ps 50 and Iso loop 10-30 gathering dust in new condo. Would
> love to see it the hands of worthy Ham. Jim N4TFJ

How much are asking for each of these items?

Saad KB6VIR 5606939@mcimail.com

1692. Kenwood TM-241A erratic display

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: agia@ix.netcom.com
Message-ID: <4er7cn$q4u@ixnews7.ix.netcom.com>
Source record: 206352

Has anyone had a problem with an erratic display on the Kenwood TM-241A mobile 2M radio ?

The radio has an intermittent problem with the LCD displaying garbage. The radio continues to receive/transmit fine. The internal lithium battery measures at 3.25V, so I assume it is fine. Resetting the radio's microprocessor by holding the MR button down during power up does not cure the problem.

I have taken the radio apart, re-soldered connections, re-seated the display, etc..., to no avail. I do not have documentation other than what came in the manual. I have heard that if the backup battery voltage is low, this can cause the problem. The battery seems fine to me if the voltage is at 3.25V. It is also soldered down.

Someone mentioned in a recent QST magazine a similar problem but I lost the magazine.

Anyone have any ideas? Please e-mail at: agia@ix.netcom.com

Anthony Giammarino - WA6HTF

1693. wanted: lafayette, heathkit, allied electronics catalogs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: rew5808 <bwilder@reallink.com>
Message-ID: <4eplho$ddf@ferengi.prismnet.com>
Source record: 206353

i would appreciate any help i can get in locating some spare lafayette radio/electronics, heathkit, or allied electronics catalogs from 1957 thru 1965.

thanks
bobby wb5wur

1694. Re: Connector Insertion Loss

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-01 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4eqlrd$kot@newsbf02.news.aol.com>
Source record: 206354

In article <4epsjs$bb9@hg.oro.net>, rst-engr@oro.net (Jim Weir) writes:

>Gary --
>
>You and I have had some spirited discussions over the last few months
>in which we have debated the fine points of design and I've respected
>your point of view and debated it as one pro to another. In the last
>couple of days I have seen some stuff from you that just isn't what
>I've come to expect from you as an old-time professional in this trade
>and I'll just shine it on as a bad hair week.
>
>Only to say that the rest of your reply to this post isn't close to
>the truth and we'll talk about it in the newsgroup later.
>
>Jim
>
>

Jim,

Gary is EXACTLY correct. His observations agree with how real world
circuits behave in this case, and with theory of what "should" go on.
Perhaps the "wild hair" isn't Gary's?

73 Tom

1695. Re: Shopping in NY/NJ area

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: George Sereikas <SEREIKAS@worldnet.att.net>
Message-ID: <4et5mn$65h@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 206155

Hi Markus,
I too would recommend Gene, K2KJI, who runs KJI electronics. He runs his business out of his home, is honest, has fair prices and carries almost anything you might be interested in. I would call him and set up a convenient time to meet him. He can be reached at (908)239-4389. He is generrally available on phone after 7:00PM weekdays, after noon on Saturday. (all times EST).

I hope that this helps.

George
KC2MF

1696. Equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: luckleslie@aol.com
Message-ID: <4es92p$aek@newsbf02.news.aol.com>
Source record: 206156

Is there anyone out there that has some old equip. to sell.

1697. Re: Kenwood TM-241A erratic display

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: Drew Wilson <dwilso02@mail.coin.missouri.edu>
Message-ID: <3112BC8D.2E17@mail.coin.missouri.edu>
Source record: 206157

Anthony Giammarino wrote:
>
> Has anyone had a problem with an erratic display on the Kenwood TM-241A
> mobile 2M radio ?
>
> The radio has an intermittent problem with the LCD displaying garbage.
> The radio continues to receive/transmit fine. The internal lithium
> battery measures at 3.25V, so I assume it is fine. Resetting the
> radio's microprocessor by holding the MR button down during power up
> does not cure the problem.
>
> I have taken the radio apart, re-soldered connections, re-seated the
> display, etc..., to no avail. I do not have documentation other than
> what came in the manual. I have heard that if the backup battery
> voltage is low, this can cause the problem. The battery seems fine to
> me if the voltage is at 3.25V. It is also soldered down.
>
> Someone mentioned in a recent QST magazine a similar problem but I lost
> the magazine.
>
> Anyone have any ideas? Please e-mail at: agia@ix.netcom.com
>
> Anthony Giammarino - WA6HTF

Just bought one myself and have had no problems with it. I did read,
however, that voltage spikes in the dc can cause display malfunctions.
You can fix them, apparently, by resetting the cpu (see instruction
book)

Drew Wilson
dwilso02@mail.coin.missouri.edu

1698. Reducing IC-735 6-meter spurs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: an142028@anon.penet.fi
Message-ID: <150317Z02021996@anon.penet.fi>
Source record: 206158

REDUCING 6-METER SPURS FROM THE ICOM IC-735

Recently, I assembled a Ten-Tec 1208 6-meter Transverter Kit which my XYL had given me for Christmas, and which I planned to use with my Icom IC-735 HF rig to return to 6 meters after a hiatus of about 15 years. The "Blizzard of '96" having rendered outdoor work unpalatable, and roof work downright dangerous because of snow and ice accumulation, I decided to build a simple dipole and install it in the attic. This done, I proceeded to give 6 meters a try - but what a cacophony of in-band spurs greeted my ears!

With the 1208 connected to the dipole, which is located in the attic and about eight feet directly above the shack, tuning across the band from 50.0 to 50.250 (14.0 to 14.250 on the IC-735) revealed a vast array of spurs - some fixed frequency, and some of which "stepped" as the IC-735 was tuned - ranging in amplitude from right at the noise level (about S-2 on the IC-735 S-meter) to S-8. Several of the most prominent in the primary range of interest between 50.025 and 50.225 are listed below:

Frequency (MHz) Amplitude Description
~~~~~~~~~~~~~~~ ~~~~~~~~~ ~~~~~~~~~~~
50.047 S-7 Steady carrier

50.100 S-8 Steady carrier

50.121 S-6 Step (follows
IC-735 tuning)
50.200 S-8 Mixed, steady &
step
50.226 S-6 Step

Although I was able to successfully use the IC-735/1208 combo with the indoor dipole for 16 QSOs in 5 grids during the January VHF Sweepstakes, the presence of such a multiplicity of spurs, at least some of which were apparently emanating from the IC-735 (witness the "step" signals noted in the table above), was deemed unsatisfactory. I therefore proceeded to investigate the nature of the problem and to attempt to determine a solution.

The first thing I noticed was that removing the microphone from the HF rig eliminated many of the spurs and drastically lowered the amplitude of the stronger ones.
~~~~~~~~~~~~~~~

Using a short length of wire as an "antenna," I alternately touched each pin in the chassis connector and discovered that although several pins were "hot" with the spurs, the worst offender was the PTT ground line. Touching a small bypass capacitor between the PTT ground pin and the chassis reduced the amplitude of the spurs several S units.

A word about where the spurs come from: Most are present inside the IC-735, at least some of them are synthesizer-related, and they are conducted between the PLL board and a small auxiliary board mounted behind the front panel adjacent to the mike connector. Signals are carried from this auxiliary board to the mike connector via a small, thin, plastic ribbon with parallel circuit traces on it; the end of this ribbon is soldered to the pins on the back of the mike connector (the ribbon has an eyelet pattern which matches the pin layout on the connector). Needless to say, any signal present on any trace is readily coupled to other traces, and with the microphone plugged in a ready-made "antenna" is available to radiate these spurious signals.

Despite the use of small RF chokes and some bypassing on the auxiliary board, the spurious signal levels audible in the 6-meter band when the antenna is located in the proximity of the IC-735 are quite prominent and annoying. Obviously, mounting the 6-meter antenna outside, high and in the clear and as far away from the IC-735 as practical, will reduce the spurious pickup. Some of the spurs were so strong, however, that I deemed it appropriate to try and reduce the amplitudes as much as possible; if reduced to the point of being a mild annoyance with the antenna only eight feet from the rig, I surmised, then using an outside antenna should render them inconsequential.

Unwilling to immediately make internal modifications, I reconnected the microphone and tried clamping a ferrite RFI choke onto the mike cable adjacent to the connector. The RFI choke consists if two 1" x 1/2" x 1/4" thick pieces of ferrite material, each with a longitudinal semicircular groove in it. Each piece is mounted in a hinged plastic cover and forms half of a clamp which, when placed over a cable and snapped shut, is supposed to reduce RFI leaving the equipment and traveling down the cable. It is intended to be used on personal computers to prevent radiation from keyboard and monitor cables.

The ferrite clamp proved to be something of a disappointment; while it did reduce the amplitude of the spurs, using one clamp only reduced the level about an S unit and using two reduced the level no more than half an S-unit more. Given the amplitude of some of the spurs, I considered

this to be inadequate, and so set about to determine what internal modifications could improve the situation.

I will spare the reader the details of all the measurements and combinations tried, but suffice it to say that internal bypassing is the only way to effectively reduce the spurs to a point where they become barely an annoyance; I was unable to eliminate them entirely. The remainder of this discussion deals with the final modifications as they were incorporated in my IC-735.

To accomplish the internal bypassing, first remove the top and bottom covers of the IC-735 and lay it on its top with the front panel facing to the left. This puts the mike connector on the observer's left and immediately in front. Behind the mike connector is a small, vertically-mounted circuit board, and pointing towards the observer from this board are several small, green RF chokes in approximate vertical alignment. These chokes are, from top to bottom: L8, L7, L6, L5, L4, and L3, and are in-line chokes for the PTT, squelch, UP/DOWN control, +8 vdc, audio output, and microphone "hot" lines, respectively. L2, the microphone return, is located on the same board but on the bottom left as viewed by the observer and is pretty inaccessible.

Since L7 (squelch), L5 (+8 vdc) and L4 (audio output) are not connected to any wires in the mike cable when the standard HM-12 hand mike is used, they can be ignored. This leaves L8 (PTT), L6 (UP/DOWN), and L3 (mike) which could be bypassed. During testing I determined that bypassing these chokes reduced the spur levels as follows (tests performed while monitoring the 50.100 spur):

L8 bypassed: Level reduced from S-7 to S-6
L6 bypassed: Level reduced from S-7 to S-4
L3 bypassed: Level reduced from S-7 to S-6

I also determined that bypassing L2 (mike return) would reduce the spur from S-7 to S-5, and bypassing pin 6 on the mike connector (PTT return, which does not pass through a choke) would reduce the level from S-7 to S-4. L-2 is located such that my soldering iron wouldn't reach it, but pin 6 of the mike connector was barely accessible from behind by *very carefully* reaching in. I therefore determined that I would install three bypass caps: One on pin 6 of the connector (PTT return), one on L8 (PTT), and one on L6 (UP/DOWN). Since bypassing L3 (mike) had only a minimal effect at best, it would be left alone.

The capacitors I chose were all CK05 square ceramic types, but disc ceramics should work just as well. The values I used were 0.1 ufd for bypassing pin 6 of the mike

connector and 0.01 ufd for bypassing L8 and L6.

The RF chokes are easily bypassed, since they are mounted vertically to the board (horizontally to the observer) with the outer-most lead looped back down to the board. Make a small "hook" in one lead of a bypass capacitor (cut the lead length to about 1/4" or so), hook it over the wire of the loop, and tack it with the soldering iron; the other lead of the bypass capacitor should be grounded. Alternate loops have insulating sleeving on them, but as it happens the loops of L8 and L6 (top and third from the top as viewed by an observer with the rig upside down as described) have no sleeving and so the connections are easily made (see the note below regarding the ground connection point).

Connecting to pin 6 of the mike connector is a bit trickier: First, make a small loop in one lead of a capacitor (the lead can be cut to about 3/8" long first), bend the loop 90 degrees, then slip it over the pin. Reach in *VERY* carefully with a small soldering iron (25 watts or less) and "tack" the lead to the pin. ***USE EXTREME CARE NOT TO TOUCH THE PLASTIC RIBBON OR ANY OTHER INTERNAL COMPONENTS OR WIRES!!!***

The free lead of each bypass capacitor should go to chassis ground, and this is easily accomplished by mounting a solder lug under the nearest PC board holddown screw on the large board mounted to the underside of the IC-735. This brass screw is plainly visible on the left front edge of the board (as viewed by the observer with the radio facing left); just remove the screw, lockwasher and flatwasher, slip a lug over the screw shaft, and reinstall the screw with the lug facing toward the rear of the front panel. I used one of the long, tapered lugs. It's easiest if you install the lug *FIRST* before installing any of the bypass caps.

After installing the three bypass capacitors most of the spurs had been reduced to the point of being completely inaudible. Of the strongest of the original spurs, the two at 50.100 and 50.200 are barely audible at the noise level, the synthesizer-derived "step" spurs at 50.121 and 50.225 are no more than S-3 (with an S-2 noise level and the IC-735 preamp turned on), and only the 50.047 steady carrier is unchanged at S-7 (my guess is that this is an external signal; I have a couple on 2 meters from the local TV cable). There are no other spurs of any consequence within the range from 50.100 to 50.225 -oh, perhaps a very faint, almost inaudible remnant in two or three places - but nothing to interfere with weak signal operation. An outside yagi should only make things better.

For those who may be wondering, I actually tried cutting the UP/DOWN line at L6 but it made almost no difference; bypassing is the only thing that really seems to work. Oh, yes, don't forget to ground the IC-735 to your station ground via the rear panel ground jack - the difference between "grounded" and "ungrounded" is about half an S unit (with no bypassing).

Incidentally, the modifications have had no adverse effect on operation of the IC-735, and in fact have made 6-meter operation very pleasurable. I can't wait for that first sporadic E band opening!

If you have questions or comments about the problem, tests, or procedures described, please feel free to drop me an e-mail at pbock@melpar.esys.com or call me at (703) 560-5000 x 2062 (weekdays) or (540) 882-4745 (evenings/weekends).

73,

Paul Bock, K4MSG

--****ATTENTION****-****ATTENTION****-****ATTENTION****-***ATTENTION***
Your e-mail reply to this message WILL be *automatically* ANONYMIZED.
Please, report inappropriate use to abuse@anon.penet.fi
For information (incl. non-anon reply) write to help@anon.penet.fi
If you have any problems, address them to admin@anon.penet.fi

1699. Cheap 2m vertical! was: cheap antenna for FT-530

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: ham@w3eax.umd.edu
Message-ID: <4et2u8$cte@cville-srv.wam.umd.edu>
Source record: 206159

>Hi... I'm a fairly new ham, and want to build a cheap antenna for my
>handheld transceiver (FT-530) to use for packet. I'm going to use a power
>supply and want to get away with using it for packet instead of buying a
>base transceiver.
>
>How do I do it cheaply? Any suggestions or recommendations? Is it easier
>or cheaper to buy something?
>

One of the easiest, cheapest antennas you can ever find requires:

about 8' of stiff #12 wire
one SO-239
four screws, each with a nut

Four holes in the SO-239, each will hold a 19-20" piece of wire
which will be bent downward at a 45 degree angle. These four
are to be at 90 degree angles to each other.

Each screw/nut holds a radial in place, and they can be arranged in
interlocking fashion, much like the flaps of a cardboard box.

The radiator is to be soldered to the center pin of the SO-239.

Mount it, hook up some coax, tune it, and you're on the air with
an antenna for 2m (cut to size for other bands - Amateur Radio Trader
has a measurement chart printed in every issue) for about $5.00.

Not surprisingly, as 440 is roughly a 3rd harmonic of 2m, the 2m
antenna may actually match on 440 as well (mine does).
--
Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 40-10/6/2/440
** Yes, you CAN do VHF contests with 25W and omni antennas **
Still stuck at 138 countries confirmed on HF w/dipoles...
72 & 73 from suburban DC 301-549-1022 (h) 301-982-1015 (w)

1700. ******Yaesu FT767GX manuals**********

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: asmartuser <mcimato@snefru.comm2000.it>
Message-ID: <3112A7BF.2DEC@snefru.comm2000.it>
Source record: 206160
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Hi
I was looking for Yaesu FT 767GX Manuals, both service and operating.
Any help will be appreciated.

73,
Maurizio

1701. 'Cubic Communications' MMBX ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: rickcrider@aol.com
Message-ID: <4esl7e$e9n@newsbf02.news.aol.com>
Source record: 206205

In a box lot of 'stuff' I bought at a silent key estate auction I've found an odd little switch box. Approx. 3"x2"x2.5", black, with an SO239 chassis mount connection on the two sides, one marked transmitter, the other marked antenna. The rotating switch selections are marked 'A' (High) through 'G' (Low). (Seven positions) Name and logo on unit indicates 'Cubic Communications' with "MMBX" in large letters. Obviously not an antenna selector. Anyone have one of these or know what it is? Thanks in advance. 73
Rick Crider
KD4FXA
Monroe NC

1702. New Kenwood Back-lit microphone

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: cliffor1@ix.netcom.com
Message-ID: <4etrce$sju@ixnews5.ix.netcom.com>
Source record: 206206

For those interested, check out Kenwood's Home Page

http://www.kenwood.net/access/mc53dm.html

This shows a picture of the new MC-52/53DM back-lit microphone for
mobile radios.

1703. Manuals For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: braymer@sunbelt.NET
Message-ID: <01I0QRIR9MAU8ZJWYS@SUNBELT.NET>
Source record: 206207

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--====================_823297074==_
Content-Type: text/plain; charset="us-ascii"

--====================_823297074==_
Content-Type: text/plain; charset="us-ascii"
Content-Disposition: attachment; filename="MANUALS.TXT"

Manual List
Bobby Raymer
160 W. Virginia Street
Algood,Tennessee 38506
Email Address braymer@sunbelt.net

GE Master II Maintenace Manual $30.00 plus shipping

Motorola MOTREK Mobile Radio Manual 150.8-162 MHZ 35/55/100 Watts
$30.00 plus shipping

Motorola -80 Radio 450-512 mhz instruction manual $25.00 plus shipping

Motorola MOSTAR Trunked 800 mhz radio $30.00 Plus shipping

All manual are plus shipping Money Orders or Cerifited Bank Check Only
Sorry NO PERSONAL CHECKS.

--====================_823297074==_--
```

1704. Re: What ssb rig ????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <4eshcm$2iji@info4.rus.uni-stuttgart.de>
Source record: 206208
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,uk.radio.amateur

In article <4enpt1$1kt@ccsp-26.brunel.ac.uk>,
Andrew John Murrell <ee95ajm@brunel.ac.uk> wrote:
>Now that my 2/70 hand held has just packed up I was thinking about getting
>a ssb rig. My first problem is what frequency to get (i'm only a B license
>(above 30 Mhz only), and the second is what rig ?

Hi Andy,

Here in Europe the situation is the following: 6 m becomes very busy during
the summer months, when you will be able to work entire Europe with 10W
or so and a modearte beam. Now in the winter it is quite quiet.

On 2m SSB you may find some activity every weekend, but since your QTH
is in a valley, you may find during band openings that the OM's in better
locations always catch the DX first. This is not so critical for 6 m
sp-E.

On 70 you might also be listening to the noise for most of the time.
the higher up you move in frequency, the more critical becomes you take-off.

My advice: go for 6 or for the lot.

73, Moritz DL5UH

1705. Re: Connector Insertion Loss

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb2.204037.6487@ke4zv.atl.ga.us>
Source record: 206209

In article <310CD73E.5395@csg.mot.com> Paul Moller <Paul_Moller@csg.mot.com> writes:
>> A UHF connector system is fine on two meters if the connectors are
>> installed properly and reasonable quality standard parts. Even for flea
>> power. Connectors do not reduce power on a fixed wattage basis, they work
>> by dB loss. At a kilowatt or only one watt the loss is insignificant below
>> a few hundred MHz.
>>
>> 73 Tom
>
>Connectors present an impedance missmatch, which when placed in a
>constant impedance circuit will create a missmatch loss, not a direct dB
>insertion loss. In other words the missmatch loss is a function of the
>impedances involved.

Ah, would you care to present the equations involved?

If you do, you'll see that the "missmatch" (sic) loss is due to the
number of trips the exponentially decaying reflected signal makes
on the line section multiplied (with appropriate scaling) by the
line loss. There's a nice chart in the ARRL Handbook that will save
you the math. For low insertion loss line sections, the additional
mismatch loss is insignificant if the mismatch is under about 10:1.
The maximum mismatch in UHF series connectors is about 2:1. And the
line sections they represent are *very* short, and thus pretty low
insertion loss.

>One could find a coaxial line impedance at which
>the PL259/SO239 impedance is very close at any given frequency, and thus
>the missmatch loss would be very low, even at a high frequency.

Which impedance, the one presented by the ring and pin of the connector,
or the one presented by the body of the connector, or the one presented
between the inner and the hood on the back side of a SO239? They are all
different. That's why the UHF series connectors are non-constant impedance.
It's not just that they aren't 50 ohms, they aren't of course, but that
they aren't any *one* impedance.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1706. FS Yaesu FTV-707 and modules

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: k6eid@avana.net
Message-ID: <NEWTNews.823286769.11364.k6eid@k6eid.avana.net>
Source record: 206210

I have a Yaesu FTV-707 transverter with the 2 meter and
6 meter modules. In excellent shape, physically and
opertionally. I used with FT-757GX until I got
dedicated rigs for VHF. Asking $350/OBO.

73, Phil Finkle, Marietta, GA

1707. HP 8616A Signal Generator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: captbud@maui.net
Message-ID: <4etvk4$ad0@makai.maui.net>
Source record: 206211

Would like to sell a Hewlett Packard 8616A Signal Generator (1.8 - 4.5 GC) for about $6000.00. Unit is presently on Maui. e-mail to "lahaina@maui.net"

1708. HP 8616A Signal Generator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: captbud@maui.net
Message-ID: <4etvkc$ad2@makai.maui.net>
Source record: 206212

Would like to sell a Hewlett Packard 8616A Signal Generator (1.8 - 4.5 GC) for about $6000.00. Unit is presently on Maui. e-mail to "lahaina@maui.net"

1709. HP 8616A Signal Generator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: captbud@maui.net
Message-ID: <4etvkg$ad1@makai.maui.net>
Source record: 206213

Would like to sell a Hewlett Packard 8616A Signal Generator (1.8 - 4.5 GC) for about $6000.00. Unit is presently on Maui. e-mail to "lahaina@maui.net"

1710. Info on FT-7600

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: Bert Burland <bertb@arn.net>
Message-ID: <4etujc$mem@services.arn.net>
Source record: 206214

A friend wants to know how old/new, features, etc, a FT-7600 2m rig is. A widow has one for sale but lives some distance from him, he has no idea if this is an old crystal rig or what and doesn't want to drive the distance on the chance it's not a modern radio. Thanks.

--
Bert Burland

1711. Info on FT-7600

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: Bert Burland <bertb@arn.net>
Message-ID: <4etums$mem@services.arn.net>
Source record: 206215

A friend wants to know how old/new, features, etc, a FT-7600 2m rig is. A widow has one for sale but lives some distance from him, he has no idea if this is an old crystal rig or what and doesn't want to drive the distance on the chance it's not a modern radio. Thanks.

--
Bert Burland

1712. HP 8616A Signal Generator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: captbud@maui.net
Message-ID: <4etvkk$ad3@makai.maui.net>
Source record: 206216

Would like to sell a Hewlett Packard 8616A Signal Generator (1.8 - 4.5 GC) for about $6000.00. Unit is presently on Maui. e-mail to "lahaina@maui.net"

1713. Info on FT-7600

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: Bert Burland <bertb@arn.net>
Message-ID: <4etunb$mem@services.arn.net>
Source record: 206217

A friend wants to know how old/new, features, etc, a FT-7600 2m rig is. A widow has one for sale but lives some distance from him, he has no idea if this is an old crystal rig or what and doesn't want to drive the distance on the chance it's not a modern radio. Thanks.

--
Bert Burland

1714. Info on FT-7600

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: Bert Burland <bertb@arn.net>
Message-ID: <4etul7$mem@services.arn.net>
Source record: 206218

A friend wants to know how old/new, features, etc, a FT-7600 2m rig is. A widow has one for sale but lives some distance from him, he has no idea if this is an old crystal rig or what and doesn't want to drive the distance on the chance it's not a modern radio. Thanks.

--
Bert Burland

1715. HP 8616A Signal Generator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: captbud@maui.net
Message-ID: <4etvlf$ad4@makai.maui.net>
Source record: 206219

Would like to sell a Hewlett Packard 8616A Signal Generator (1.8 - 4.5 GC) for about $6000.00. Unit is presently on Maui. e-mail to "lahaina@maui.net"

1716. HP 8616A Signal Generator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: captbud@maui.net
Message-ID: <4etvlj$ad5@makai.maui.net>
Source record: 206220

Would like to sell a Hewlett Packard 8616A Signal Generator (1.8 - 4.5 GC) for about $6000.00. Unit is presently on Maui. e-mail to "lahaina@maui.net"

1717. HP 8616A Signal Generator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: captbud@maui.net
Message-ID: <4etvlo$ad6@makai.maui.net>
Source record: 206221

Would like to sell a Hewlett Packard 8616A Signal Generator (1.8 - 4.5 GC) for about $6000.00. Unit is presently on Maui. e-mail to "lahaina@maui.net"

1718. HP 8616A Signal Generator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: captbud@maui.net
Message-ID: <4etvm6$ad8@makai.maui.net>
Source record: 206222

Would like to sell a Hewlett Packard 8616A Signal Generator (1.8 - 4.5 GC) for about $6000.00. Unit is presently on Maui. e-mail to "lahaina@maui.net"

1719. Re: 82 Repeater in Kansas City/Repeater Use

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: no6b@no6b.jpl.nasa.gov
Message-ID: <4eu0il$3ub@elroy.jpl.nasa.gov>
Source record: 206223
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc

In <DM3E28.G6G@pe1chl.ampr.org>, rob@pe1chl.ampr.org (Rob Janssen) writes:
>In <4elgqo$q73@nnrp1.news.primenet.com> sparkfel@primenet.com (Mark Fellhauer) writes:
>
>>rob@pe1chl.ampr.org (Rob Janssen) wrote:
>
>>>In <310B8C36.5D9@magnum.wpe.com> Eddie Caffray <caffraye@magnum.wpe.com> writes:
>
>>>> On the 146.85 repeater here in Central NY we had trouble with one user also. He made it that
>>>>no one would even monitor the reapeater anymore. The club voted to ban him and we did. The
>>>>reapeater is a great place to be again.
>
>>>How do you manage to effectively ban malicious users from a repeater?
>>>Of course this problem is known all over the world, but at least over
>>>here we have not yet found an effective way of stopping them. How do
>>>you do that?
>

Here's what a local repeater club in So. Cal. did:

-Changed the status of their repeater from 'open' to 'private', so that only club members are 'supposed' to use it.

-Got a restraining order prohibiting the undesired user from using the repeater.

The restraining order was enforced & the undesired user was forced off the repeater, along with lots of 'good' non-member users.

Bob NO6B

1720. Help with: KYOKUTO 2mtr rig???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: "Thomas W. Castle" <afn17891@afn.org>
Message-ID: <Pine.A32.3.91.960202030202.51931A-100000@freenet2.freenet.ufl.edu>
Source record: 206224

Hi Tom here: I have run into a unusual radio.... It is a -
KYOKUTO FM 144-10SX II. How is that for a name full? It is a older
2 meter FM rig, no bells an whistles. It has digital display, but not
direct entry. It uses a Mhz switch for each band 144, 145, 146 & 147;
a twin VFO knob setup for 100 an 10's changing and a 5Khz in/out knob.

The unit works fine on Rx 144 - 148Mhz. It will only Tx on 146 & 147Mhz.
The unit does not "click" the relay on 144 or 145Mhz, it will Tx on 145
Mhz if I dial it down to 146.000 and use "-" offset. It will Tx at 145.4
as expected... Yet if dialed in on Simplex to any 145 freq, even on I just
saw on my freq counter; it won't Tx period...

If anyone has a schematic or "Heaven forbid" a service manual, that is
readable or will at least copy the schematic an tech align. data: I
would be glad to pay for the cost of reproduction an mailing costs or
if they don't need it any more, I would buy it...

They may e-mail me at my address at UF or via packet as "KD4QHH@K4DPZ
#GNVL.Fl.USA.NA. This way we can get together on what they have an
where to send it... My address is good in the callbook.

Tnx for any help in advance..!

De Tom a.k.a. KD4QHH

BTW> The unit works great in the areas its working in 146 - 148.Mhz,
I just think this would make a decent packet rig.... I just need to
get it working in that freq range...

1721. HP 8616A Signal Generator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: captbud@maui.net
Message-ID: <4eu1go$bdm@makai.maui.net>
Source record: 206225

Would like to sell Hewlett Packard 8616-A Signal Generator (1.8 - 4.5 GC) for around $6000.00. Unit is presently on Maui. E-mail to "lahaina@maui.net"

1722. HP 8616A Signal Generator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: captbud@maui.net
Message-ID: <4eu1io$bdm@makai.maui.net>
Source record: 206226

Would like to sell Hewlett Packard 8616-A Signal Generator (1.8 - 4.5 GC) for around $6000.00. Unit is presently on Maui. E-mail to "lahaina@maui.net"

1723. HP 8616A Signal Generator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: captbud@maui.net
Message-ID: <4eu1kj$bdm@makai.maui.net>
Source record: 206227

Would like to sell Hewlett Packard 8616-A Signal Generator (1.8 - 4.5 GC) for around $6000.00. Unit is presently on Maui. E-mail to "lahaina@maui.net"

1724. wanted knwd mc35s handmic

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: bruskip@e62.diebold.com
Message-ID: <4eu039$7jn@hopper.acm.org>
Source record: 206228

I am looking for anyone who might have the Kenwood MC35S handmic.
If you have this handmic and would like to sell I would like to hear from you.
Tnx much.
Please E-mail responses to bruskip@e62.diebold.com

1725. HP 8616A Signal Generator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: captbud@maui.net
Message-ID: <4eu2no$bdm@makai.maui.net>
Source record: 206229

Would like to sell Hewlett Packard 8616-A Signal Generator (1.8 - 4.5 GC) for around $6000.00. Unit is presently on Maui. E-mail to "lahaina@maui.net"

1726. HP 8616A Signal Generator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: captbud@maui.net
Message-ID: <4eu2rg$c60@makai.maui.net>
Source record: 206230

Would like to sell Hewlett Packard 8616-A Signal Generator (1.8 - 4.5 GC) for around $6000.00. Unit is presently on Maui. E-mail to "lahaina@maui.net"

1727. HP 8616A Signal Generator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: captbud@maui.net
Message-ID: <4eu2r6$bdm@makai.maui.net>
Source record: 206231

Would like to sell Hewlett Packard 8616-A Signal Generator (1.8 - 4.5 GC) for around $6000.00. Unit is presently on Maui. E-mail to "lahaina@maui.net"

1728. Re: Heath SB-220 Schematic Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: jastorm@ix.netcom.com
Message-ID: <4esitf$3oq@cloner4.netcom.com>
Source record: 206232

jlanders@atl.mindspring.com (Jeff Landers) wrote:

>I have a SB-220 with a transformer so badly blown I can not read the
>values of the components it took with it from the board. I need to
>find a schematic. Any help will be most appreciated. I have not
>followed proper etiquette or posted in the right forum I apologize as
>this is my first posting attempt.

>Thank you for your consideration,
>Jlanders@mindspring.com

You didn't say if the transformer is the high voltage or the filament
& bias. The respective part numbers are 54-237 & 54-238. According to
QST, Heath still supplies parts. Call the Heath Order Desk at
616-925-5899/4914. Let me know how you come out.

73, Jim WB6LWS

1729. Phone Patch?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: tgunn@access.mbnet.mb.ca
Message-ID: <tgunn-0202960730120001@dyn2-083.cc.umanitoba.ca>
Source record: 206233

Hello all, I'd like to set up a personal phone patch on my phone line so I make calls whereever I am in my city with a handi-talki. I'd like to know if anyone out here has something like this set up. Plus I'd like to be able to be notified over the air with a pre-recorded message, tone, or something that I have an incoming call. Something like that. If anyone is running a setup like this, please email me directly and tell me what equip you're running and about how much it cost. I'd like to set something up, but I haven't actually but any equipment as of yet since I just got my advanced certificate a little while ago.

Thanks,

|yler Gunn (tgunn@mbnet.mb.ca)

1730. Power/volume knob on PCS-4000

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: John Wilcox/NS1Z <ns1z@agate.net>
Message-ID: <4etbba$eei@service-2.agate.net>
Source record: 206234

Hey, I dropped my Azden PCS-4000 on the floor of the shack. It still transmits and receives well but a little problem: the volume/power switch control shaft broke off just behind the face plate. Any source for this control? Suggestions appreciated (I already have mounted the radio lower to the floor........).

--
John Wilcox / NS1Z
INTERNET :204.117.6.48
ns1z@agate.net
Work :5018901@mcimail.com
TCP/IP :44.118.6.4
ns1z@ns1z.ampr.org
AX-25 :ns1z@kb1bsc.fn44rn.me.usa.noam

1731. IC 706 Mic etc.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: Jukka Peltomaki <jukka.peltomaki@ntc.nokia.com>
Message-ID: <4eske4$kd@axl02it.ntc.nokia.com>
Source record: 206235

GD OM / YL

There has been discussion about the 706's microphone,
and that it is not enough sensitive. I discussed
with my friend who is working with audio-things and
he told this.

"So, I think that this mic is Noise Cancelling type.
And these microphone elements are designed so that
when voices are comeing from far, they are neutralizing
each others (element is causing phaseshift).
Because this principle, you have to keep microphone very
near to your mouth ! Otherwise mic element is "noise cancelling"
also your own voice."

I tested that, and I noticed that I really have to speak
very near! Usually when I use mics, I keep mic
quite far. And I use more Mic gain to get good audio.
But this is not possible anymore with 706 mic. So I have to
change my old habits and put the mic directly to the front of
my mouse.

And second thing:

Could anyone tell me how much the 500 Hz Cw filter
and remote cable costs in USA. Here in Finland
500 Hz filter= over 130 $ and cable = 70 $!! :(:(

73 Jukka, OH1NVL

1732. IC 820 ACCY pinouts

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: Bob Smith <rsmith@internetmci.com>
Message-ID: <3112B6D4.78B@internetmci.com>
Source record: 206236
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space

Picked up an Icom 820H today but had to take the demo. COuld someone
please send me the pinouts on the ACCY connector - they aren't the same
(as I found out) as their other HF rigs!

Thanks and 73 de Bob
N3FTU

1733. Power adjustment on the TS-440S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: johng@emerald.net.com
Message-ID: <4etc8o$m0h@unet.net.com>
Source record: 206237

We have a company station with a Kenwood TS-440S(AT).
We Recently bought a PK-232MBX and I was trying to
bring things up last night when it occured to me I don't
know how to limmit the power output of the rig.

I went through the manual and read about the 'CAR' knob,
which the manual states limits the carrier during
AM transmissions.

I could not, however, find anything that would let
me adjust the RF output while in LSB mode.
(Note, we couldn't find a 13 pin din connector
to use the aux port on the 440, so we are going
in through the mic jack).

Does anyone know if it's possible to lower the power
output of this rig? I read a paragraph that said ' when in
FSK mode a key down time of 60 minutes requires a cool
down of 30 minutes' (or words to that effect). This leads
me to believe that it is not possible to turn the thing down!

Any comments?
--
John Gratton | johng@net.com
Hans Christian 33 "Nakia" | (415)780-5774

1734. Struthers RF meter info wanted.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: je1cka@nal.go.jp
Message-ID: <4ern8v$mrc@swan.nal.go.jp>
Source record: 206238

I found the advertisement of "Struthers RF Directional Wattmeter"
on HTYS.
It was advertised that
Factory Boxed brand new
With 3 plug-in elements for 2-1,000MHz & 0-5,000w
With Carrying/storage case
$200 with free shipping(ofcourse in ConUS)
Not exact type number of the product was mentioned.

I've never heard either the Manufacture Struthers or their RF
wattmeter. I already have one Bird directional Watmeter but only
one slug for 0-30MHz 1kw.

Does anyone use this wattmeter? How about the quality(accuracy)
compared with Bird wattmeter? Your suggestions/informations will
be greatly appreciated.

Tack Kumagai JE1CKA/KH0AM
TEL:81-30-066-6408, FAX:81-423-93-4449
Internet: je1cka@nal.go.jp

1735. Re: IC 706 Mic etc.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: Jukka Peltomaki <jukka.peltomaki@ntc.nokia.com>
Message-ID: <4esuqh$2gj@axl02it.ntc.nokia.com>
Source record: 206239

>But this is not possible anymore with 706 mic. So I have to
>change my old habits and put the mic directly to the front of
>my mouse.
=====

:) :) HI Should be Mouth...

73 Jukka

1736. WTB - RTTY Unit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: k6eid@avana.net
Message-ID: <NEWTNews.823323346.32505.k6eid@k6eid.avana.net>
Source record: 206240

A fried K7RLS (michaela@freenet.Scri.Fsu.edu) is looking for
a (preferably) computer plug in board to get on RTTY.
Mike might be agreeable to an external unit if
price is right. Pse contact him directly by e-mail.

Phil K6EID

1737. Re: R1 mod wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: sba3020@InfoNET.st-johns.nf.ca
Message-ID: <4esduk$t36@coranto.ucs.mun.ca>
Source record: 206241

Carl Hodder (sba3020@InfoNET.st-johns.nf.ca) wrote:
: Wanted the 800 MHz mod for the Icom R1. Heard of the mod for the R7100
: but not the R1.

: E-mail 3020@infonet.st-johns.nf.ca

E-mail is sba3020@infonet.st-johns.nf.ca

Thanks, Carl.

1738. Software for programming handheld radios -- beta testers wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: sims@dduck.acsys.com
Message-ID: <4erlre$58e@mtv.acsys.com>
Source record: 206242

Hi, we're looking for beta testers to try out our new software for programming the Yaesu FT-51R handheld transceiver. Please see the following Web page for more information:

http://www.acsys.com

We're also holding a contest for the best name of this software; we haven't come up with a good name yet. The name should represent our goals for the software: it should program a variety of radios, it should support command line and screen oriented interfaces, and it should run on multiple platforms. Send us your idea for a name for our software. If we use it, you'll receive a free copy of the software and free updates for a full year.

thanks,
dave sims
--
dave sims
sims@acsys.com
kc5jkn
http://www.acsys.com -- software for programming amateur radios

1739. Re: 82 Repeater in Kansas City

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: ddenter@bnr.ca
Message-ID: <4ete1q$b0o@bcarh8ab.bnr.ca>
Source record: 206243
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc

In article <DM3E61.G7v@pe1chl.ampr.org>,
rob@pe1chl.ampr.org (Rob Janssen) writes:
>In <dbaker.85.000A5CBA@mail.bcpl.lib.md.us> dbaker@mail.bcpl.lib.md.us (Donald I. Baker)
writes:
>
>>Technical solutions do exist. Using a "TX-ID" board, which uniquely
>>fingerprints each transmitter and a PC one can "slectively" include or
>>preclude individual users.
>
>>The board was not meant for that purpose, but with just a little Basic of C
>>codes, it workd just fine. It is especially easy if you have a single or
>>limited number of receive site.
>
>Is that using some public key encryption technique?
>If not, what is preventing the malicious from cloning one of the
>apparently valid codes?
>

Every radio has a "unique" pattern when you key it (due to differences
in the components etc), this pattern can be used to identify a radio.
There is no encrypted signal or anything that fancy.

One of the repeaters that I used to monitor had a tx-id system on it,
if you ker-chunked the repeater more than 3 times in a 5-10 minute
period, it would lock you out for a couple of days. It was also used
to track stolen equipment (you had your tx "fingerprinted", then when
the tx got stolen, you just let one of the ops know and the repeater
would advise you when it heard that tx (if it heard it)). They, also,
could (and did) blacklist certain radios.

>Also, what is preventing the malicious user from just keying up over
>other people's transmissions, thus rendering the repeater useless?
>

This is one of the weaknesses of the system, another is changing the
rig, or swapping a couple of components in the tx (changing some of
the resistors/caps is usually enough).

If someone really wants to get around the system they will.

regards,
Dean.
--
Dean Denter work -> ddenter@bnr.ca

VA3CDD play -> ddenter@magi.com
[[[[[[[[[[[[[I speak only for myself]]]]]]]]]]]]]

1740. Re: WTB-Traps or multi band trap dipole

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: Gary Borich <GaryBorich@mail.utexas.edu>
Message-ID: <4err4t$5p0@geraldo.cc.utexas.edu>
Source record: 206244
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

Have a design for building a 40, 30, 20, 15 meter tunable trap dipole published in Radio Fun last summer. If you're interested let me know and I will see if I can come up with a reprint for you

1741. Kenwood Monitor: SM-220

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: rickcrider@aol.com
Message-ID: <4eslth$eep@newsbf02.news.aol.com>
Source record: 206245

Anyone familiar with the Kenwood Station Monitor, the SM-220....?
Production era / age? Made for use with specific Kenwood rigs? Can be
used as general station monitor with non Kenwood eclectic station setups?
Approximate value? Thanks. 73
Rick Crider
KD4FXA
Monroe NC

1742. Re: NEED HELP WITH HTX-202 AND ALINCO DJ-160 FINAL

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: Don C Hamiel <hamiel>
Message-ID: <4esnbe$i8b@news.sdd.hp.com>
Source record: 206246
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

Igor, the srfh transistor sounds like a Motorola part number. I know that they manufacture a line with the prefix of "SRF". If I can find a data book I will check it for you.

73 de Don N6NLX.

1743. HF radio's side by side comparison: IC706/DX70/FT-890

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: Joe <joentam@transend.com.tw>
Message-ID: <4esbul$7df@tilde.csc.ti.com>
Source record: 206247

Richard Roberts <rroberts@popmail.mcs.com> wrote:
>
>I currently own a Icom 737-A with the vox that I am
Rich KA9MAB writes that he is interested in trading in his
Icom 737A for one of the small mobile HF rigs:

>planning to trade for either a Icom 706, Alinco DX-70T
>or Yaesu FT-900AT.
>

Hi Rich,

I have been using an Alinco DX-70 for about 6 months. I ALSO borrowed an Icom 706 from a buddy for the past month & had a Yaesu FT-890 which is a slightly older version of the FT-900 for about 4 yrs. Perhaps I can offer some user input...though I'm afraid that I dont have a side-by-side super techno analysis for you.

I'm a contester and DX'er --mostly CW, so here is my opinion (mileage may vary, tax title and license not included, less cashback and MSRP discount, batteries sold separately)

From my standpoint, the Icom 706 is a good all around rig for mobile use. It covers the entire HF, 6, plus 2 meter band. However, I notice the radio interface (ie the display, memory function, multiple menu display) is not so great if driving in a car. Just too many multi-function buttons --it would make driving a bit dangerous IMO. On the air performance is superb though. Have not used it mobile so I cant validate the concern for safety in the mobile environment. The detachable faceplate is nice, as is the cw keyer and built in VSWR meter. It can make for a really "slick" HF + VHF mobile installation and really avoids the clutter of extra VHF radio's etc. This one is ideal if you are at home in a Mazda RX-7 type instead of a Ford F-150 supercab. Would I buy an IC-706....yep, next time I go to Singapore I think so. Just too neat a rig to not have one.

The Alinco DX70 is a splendid rig, covering HF and six meters. No 2 meters on this rig, but the best features are simplicity of operation. It is easier to use than the Icom...something I tend to look for in a mobile HF station. The audio from the Alinco gets rave reviews..same can nott be said of the Icom or Yeasu. But, the RX in the Alinco is a bit puny compared to the Yaseu 890. It is about the same as the Icom--both Alinco and Yaesu rigs suffer from out of band selectivity when being hit with high powered shortwave broadcast band interference. The Alinco does include some better selectivity by way of included filters...but the Icom does not include any narrow CW or SSB filters but either a SSB or CW filter may be added for about a hundred extra bucks. The Alinco includes

narrow filters as "standard" equipment. The user interface of the Alinco is superb, offering a multi step amber-on-black display. Only missing items are no built in cw keyer (I'm a CW man) and no VSWR meter making mobileers add an outboard meter. I've used it as a spotting rig in contests, and it can run DX Q's as well as any other rig.

I find the FT-890 to be the best of the lot for just plain performance excluding aesthetics or operator interface while mobile. It has a stout transmitter, built in VSWR and CW keyer, I put a 250 Hz CW filter in it, and it has a built in auto antenna tuner. However, the cost is size...it is about 3X the size of the Icom or the Alinco. The FT-900 has the detachable face plate, so this might be the route to go, but still not all controls are adjustable from the detachable panel. Also, the FT-900 has an LCD display but the 890 was amber "reverse LCD" which makes it impossible to read in direct sunlight. Audio is fine, but you really need the MD1 desk mic to get "great" audio out of the rig. Unfortunately, the FT-890 or 900 do not cover any of the VHF or 6 meter bands. If you are HF only, then no problem. If you want to check out additional action, I'd say go with the Alinco or Icom since the sunspots are making for pretty pathetic bands of late. The rig is fine for a home station...in fact it replaced an ICOM 751A, and I sold an FT-1000 while living in JA since I couldnt justify the cost/performance difference between the 1000 and the little 890 ! Some guys can...I couldnt. So I was pleased with it and "knock on wood" zero problems in 4 years and several dxpeditions later.

In summary, every rig is a compromise. I've yet to find the utlimate in mobile ham rigs. I believe the ICOM comes close, but needs some improvements in the CW end of things and in the user interface. Covering HF+6+2 is a nice plus. The Alinco seems to be the easiest of the lot to master in terms of operation, but lacks a few "must haves" such as VSWR meter. The Yaeus is stout--- I use it when contesting and "hears" as well as an FT-1000. It is not ideal, though, for mobile use due to size and display difficulties. It also lacks the VHF or Six meter coverage.

Hope this helps. Let me know how things turn out and general inputs you get on your query. My guess is that most will vote for the 706...it is the coolest little rig to hit the market since Tempo released their S-1 synthesized 2 meter HT.

73 from Taiwan. Joe BV/N0IAT

1744. Re: HF Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4et7eh$82j@mksrv1.dseg.ti.com>
Source record: 206248

I own the Alinco DX-70T. It's a super little rig for mobile use. No, it's not as sophisticated as the Icom 706, but it is hundreds of dollars cheaper, and besides, who needs all of the Icom's bells-n-whistles anyway, especially when you are running down the road? The DX-70T puts out a nice honest 100 Watts PEP, has superb audio, and the receive audio is the best I've ever heard in a mobile rig. I don't need an external speaker, for the first time ever! I've used many rigs mobile (TS-130S, FT-757GX, TS-430S, IC-730, HR-2510, HR-2600, HTX-100, Scout 555, converted CB's, etc). ALL of them required an external speaker, except the DX-70T. It is, IMHO, the best buy in a mobile HF rig, especially when you remote it.

73,
Dean KC5NG

1745. Re: NIR-10 Upgrade..Worthwhile????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: jackwy@clark.net
Message-ID: <4etv1o$8r7@clarknet.clark.net>
Source record: 206249

In article <960131504 67@microserve.com>, Bob.Horvath@Microserve.com says...
>
> Is the version 4.0 upgrade to the NIR-10 worth getting and doing?
>
>bob.horvath@microserve.com
>
I installed it in mine and it definitely improved it. I found it handled background noise better and the NIR function seemed to work better also. For the price I think it was worth it.

Jack WB3ICL

>
>
>
>
>

1746. Ham Radio Trader

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: harlan.falkin@prostar.com
Message-ID: <0000121D00000A4F@prostar.com>
Source record: 206250

How do I find out about this publication? Does anyone have an address for them? Harlan WB7OWF

1747. Re: kpc-2 wiring questions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: medcalf@idir.net
Message-ID: <4ermtr$huo@sequoia.idir.net>
Source record: 206251

In article <4epc8l$rlr@hera.ia.net>, kovar@zeus.ia.net says...
>
> WHERE DO THEM THERE WIRES GO?
>
> Could some kind soul out there discribe the pin configuration
> on the tnc to me.
> 1?
> 2?
> 3?
> xmit,rec,ptt,gnd ect.
> Thanks,
>X-Newsreader: TIN [version 1.2 PL2]
>
> Jack
> kovar@ia.net
> ke0ax
>

You can find wiring diagrams for this and many other tncs and radios at:
http://www.idir.net/~medcalf/ztx/

--
73, Karl Internet: medcalf@idir.net
Packet: WK5M @ WK5M.#NEKS.KS.USA.NOAM
***** The views and opinions expressed here are mine and do not *****
***** necessarily reflect those of my employer! *****

1748. small radio with TV sound

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: Russ Kevin Childers <rkc@u.washington.edu>
Message-ID: <Pine.A32.3.91j.960202214337.153832A-100000@homer13.u.washington.edu>
Source record: 206252

Does anybody have any info on a small, decent quality radio with TV sound, light enough to use while jogging? I am in the States, and saw an ad in a magazine for one that costs US$99. Is this a good deal? OK deal? Lousy deal? Any tips? I would appreciate any suggestions.

Russ

!@#$%^&*()_+{}|:"<>?/.,';\][=-/.,';\][=-!@#$%^&*()_+{}|:"<>?

1749. GMRS equipment?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: krogers@teleport.com
Message-ID: <krogers-0202961928020001@ip-pdx15-32.teleport.com>
Source record: 206253

am looking for a GMRS mobile unit (25 watts) and handheld units (2 or more watts) here in the Portland,OR area. i am not having any luck finding ANYONE who knows what i am talking about. can anyone here tell me where i could find such equipment and maybe some average price info?
thank you very much for any information.
kevin

1750. Re: IC706 and narrow filter in FSK

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <4et3fv$pf3@news.halcyon.com>
Source record: 206254

its rated for 100% dutycycle, the fan will cool it, or the radio does have thermal protection and will fold back on out put power if it gets too hot.

Gary

1751. Re: Repeater Controllers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: Chris Boone <72732.2610@CompuServe.COM>
Message-ID: <4erka6nu2@mhafc.production.compuserve.com>
Source record: 206285

Would you be interested in buying another RC 850?

I have one with V 3.8 and know of one other with V3.5 in it (both
have CIB installed...plain front panel)...

I have replaced my 850 with a LinkComm RLC 3...not quite an 850
in some areas....better in others..programms TOTALLY different...
and the main reason I got the RLC3 is my link project which the
850 did not do (the original design of the CIB was to include a
4x4 crosspoint audio switch that WOULD have done it...but alas,
the plans changed and the crosspoint was dropped...)

My 850 is in mint condition, has the rear panel update, V.38 with
all manuals.....if you're interested, let chat in Email

73
Chris

--
Senior Telecommunications Technician 72732.2610@CompuServe.com
ENTERGY/Gulf States Utilities 1:106/4267 FIDOnet
WB5ITT - Advanced Class BBS- 409-447-4267 (WBBS)
PG-9-5322 FCC Commercial 409-525-2001 PhoneMail 24hr

1752. Oregon/Alaska Contact Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: Danie Brynard <danie.brynard@pixie.co.za>
Message-ID: <4esjaa$bqa@hawk.pix.za>
Source record: 206286

I am looking for an Oregon or Alaska QSO. I am on over the weekends
on 2000 UTC on 14.180 SSB/CW

Danie ZS6AWK

1753. February edition of Ham Radio Online available on the Net

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: vbook@vbook.com
Message-ID: <4es0bi$nb@news.accessone.com>
Source record: 206287
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.antenna,alt.radio.scanner,alt.radio.pirate

The February 1996 edition of Ham Radio Online is available at
http://www.accessone.com/~vbook/hronline.htm

New articles are available now and we will be adding 1 to 2 new articles
each week.

Ham Radio Online has up-to-date news about Amateur Radio from around the world,
feature stories, real-time propagation and auroral condition reports, real-time
earthquake and severe weather conditions for emergency communications planning,
online humor section and the Ham Radio Online Library with fully indexed (find
any section with just a mouse click) Part 97 rules and regulations.

And we plan to offer some totally cool new services during the coming month. As
always its free and free of ads.

Thanks to you, we had over 10,000 readers stop by during January!

Please enjoy!

73, Ed Mitchell
KF7VY
vbook@vbook.com
http://www.accessone.com/~vbook/hronline.htm

---
personal email to vbook@vbook.com
Visit Ham Radio Online, it's free, at
http://www.accessone.com/~vbook/hronline.htm

1754. R1 mod wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: sba3020@InfoNET.st-johns.nf.ca
Message-ID: <4esc2b$qoh@coranto.ucs.mun.ca>
Source record: 206288

Wanted the 800 MHz mod for the Icom R1. Heard of the mod for the R7100
but not the R1.

E-mail 3020@infonet.st-johns.nf.ca

Thanks, Carl.

1755. Kenwood TM-241A / TH-22AT mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: jmleveron@socketis.net
Message-ID: <4estbp$n0@news.socketis.net>
Source record: 206289

Hi,

Does anyone have any mods for the current crop
of Kenwood TM-241A's or TH-22AT's? I believe that
Kenwood has redesigned the internals of the TM-241A
since a couple of years ago; the mod that worked on
the older radio doesn't seem to on the newer one.

Thanks for replies, here and/or by email!

73 de John.

1756. yaesu ft-40 or ft-10 mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: bartbach <bartbach@tiac.net>
Message-ID: <4es179$q8i@sundog.tiac.net>
Source record: 206290

Does anyone know if there is an extended tx mod. Even if you have a mod for the ft-10, please let me know, it may lead me in the right direction. email or call if you are local. 617-491-4680. 73, Will

1757. Re: HF Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: dcollin@connix.com
Message-ID: <4ess7e$mlt@comet.connix.com>
Source record: 206291

Richard Roberts <rroberts@popmail.mcs.com> wrote:

>I currently own a Icom 737-A with the vox that I am
>planning to trade for either a Icom 706, Alinco DX-70T
>or Yaesu FT-900AT.

>Any comments would be appreciated.

I bought a FT900 six months ago, to use in my new Chevy Beretta (tiny!) to help me pass the time on my 75 mile commute ... in short, I love it ... I'd recommend springing for the optional 500Hz CW filter, and the 2.1 SSB filter, but I see now that they offer a "Collins-like" mechanical SSB filter as standard equipment.

The receiver is excellent, the tuner works as well as any auto-tuner, but what I like most is that the ESSENTIAL controls are on the head, and that I don't need to program them into multi-function keys, and then try to remember what they do ...

The controls that remain on the main radio body are:

MOX, VOX, AGC-F, Mic Gain, RF PWR, Speed, Keyer (on/off), Break-in (on/off), and the direct freq entry keypad.

Everything else is on the control head, single function keys ... as a CW only op, I set it to QSK (vox off), and leave the speed set to around 20 wpm ... I adjust my sending my speed by spacing ... I could just shut the keyer off, and use a nice little keyer like the one in the Brass Racer, which would give me control over the keyer speed (but not necessary!).

It mounts nicely (get the optional swivel bracket) and can be easily and quickly concealed when parked (but try to hide that freekin' antenna! grin!)

1758. My K102D Is Pod-less, How to make some Pods?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: "Walt W.", dfheli@gramercy.ios.com
Message-ID: <4esqjg$qlf@news.ios.com>
Source record: 206292

Hello,

I have a Pod-less K102D Logic Analyzer. Someone else now
apparently owns my little pods.

Anybody have a clue as to how to make pods for
the Gould/Biomation K102D Logic Analyzer?

Any hints would be greatly appreciated.

Many Thanks

Walt W., 96.02.01
dfheli@gramercy.ios.com

1759. Re: Did QST Review the Ten Tec Scount 555?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: Steven Gray <sgray@microserve.net>
Message-ID: <Pine.SV4.3.91.960202091930.20837D-100000@mail>
Source record: 206293

On Fri, 2 Feb 1996 moritz@ipers1.e-technik.uni-stuttgart.de wrote:

> In article <4ej3t3$8k7@nuclear.microserve.net> you write:
> >I've gotten a lot of feedback from various users of the Scout, but I'm
> >wondering if QST did a review of the rig...? As I'm still deciding
> >between a few different rigs, that would be a big help.
>
> Hello Steve,
>
> I wonder if you have located the QST article in the meantime.
> If so, please let me know when it was publeished, I am interested too.
>
> 73, Moritz DL5UH
>
>

It turns out that QST reviewed the Ten Tec Scout in the December, 1993 issue. I contacted ARRL HQ and they faxed me the review.

In the meantime, I've purchased the Scout, and had it on the air for the first time last night. An impressive little rig, to say the least.

---Steve Gray, NR3B

1760. Re: Kenwood Monitor: SM-220

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: parnass@radioman.ih.att.com
Message-ID: <4et5rr$doo@ssbunews.ih.att.com>
Source record: 206294

In article <4eslth$eep@newsbf02.news.aol.com>,
RICKCRIDER <rickcrider@aol.com> wrote:

>Anyone familiar with the Kenwood Station Monitor,
>the SM-220....? ... Can be used as general station
>monitor with non Kenwood eclectic station setups? ...

A LOW COST PANADAPTOR
FOR THE R-7000

Copyright 1987 by Bob Parnass, AJ9S

[NOTE: This article was published in the July 1987 issue
of The Radio Enthusiast and the March 1988 RCMA
Newsletter.]

A panadaptor, or spectrum display, is a device which portrays visually the signals in a part of the radio spectrum. Panadaptors allow radio listeners to "see" activity on a portion of band without requiring the listener to tune the receiver.

They are useful for detecting the presence of spread spectrum signals or "hidden" signals riding on a subcarrier of a main channel. Panadaptors are invaluable for detecting spurious emissions from transmitters, and unwanted products caused when 2 or more signals mix.

Panadaptors most often employ a cathode ray tube (CRT) for the display, and must be connected to the intermediate frequency (IF) amplifier stage of a receiver, at a point before filtering takes place.

The ICOM R-7000 2-2000 MHz receiver rear panel has a phono jack for wide band 10.7 MHz IF output. A DC voltage is also present at this connector and is used to power an ICOM TV accessory.

I've seen mention of 3 panadaptors for the R7000:

1. John Biro's article on retuning a Yaesu YO901 Multiscope panadaptor for 10.7 MHz, restricted bandwidth use. Selectable bandwidths of 20, 100, or 200 KHz are available.

2. The Sherwood Communications SCA-7000 signal monitor, priced at $1600, and reviewed in May 1987 "Monitoring Times".1 Bandwidth adjustable from 1 KHz - 1 MHz.

3. The Spectra-Display, priced at $350, which requires use of an external scope.2 Bandwidth adjustable from 200 KHz - 10 MHz. Optional preamplifier required for 12 MHz wide sweep.

In the past month, several Kenwood SM-220 monitor scope/panadaptors have appeared at hamfests selling in the $200 to $250 range. The Kenwood SM-220 can display transmitted or received signals. To add spectral display capability to the SM-220, one must purchase the optional BS-5 or BS-8 module, which consist of a printed circuit board, a steel enclosure, interconnecting cables, and a new graticule. The panadaptor module mounts inside the SM-220 cabinet.

The BS-5 is used with the TS520 and TS530 transceivers, which have an IF of 3.395 MHz. The BS-8 is used with the TS820 and TS830 transceivers, which have an IF of 8.830 MHz. Since the IF of the ICOM R7000 is 10.7 MHz, one must alter the panadaptor circuitry to accept 10.7 MHz input.

If you have any choice in the matter, get the BS-8, as it requires fewer changes than the BS-5, and may even require no changes at all!

The panadaptor module circuit consists of several stages, but only two are directly related to the IF frequency:

1. A crystal oscillator is used as a marker generator.

2. A voltage tuned oscillator is swept across the IF of the receiver, and employs a varicap diode, an induc-tor and capacitors.

The marker generator is not vital for panadaptor operation. It merely provides a single "pip" that one may use to center the display on the CRT screen, and is similar in purpose to the crystal calibrator in older receivers.

The marker generator circuits in the BS-5 and BS-8 are identical except for one crystal. One need only replace the 3.395 MHz crystal (in the BS-5), or 8.830 MHz crystal (in the BS-8) with a 10.7 MHz crystal to adapt the SM-220 marker to 10.7 MHz IF. I did not alter this stage, although I would if I had a 10.7 MHz crystal handy.

The voltage tuned oscillator is the stage that deserves our attention. The changes required depend on whether you have the BS-5 or BS-8 panadaptor module.

Changes for BS-5 Module

Change the following capacitors:

1. C231 from 1000 pf to 68 pf.

2. C232 from .01 uf to 1000 pf. (You can use the capacitor which used to be C231.)

3. C234 from 100 pf to 22 pf.

4. C236 from 47 pf to 22 pf.

5. C237 from 680 pf to 100 pf. (You can use the capacitor which used to be C234.)

Solder a 10 microhenry inductor in parallel with L204, a 20 microhenry inductor.

Changes for BS-8 Module

I haven't tried the BS-8 module, but encourage you to try using it as is, without modification unless necessary.

These steps are needed only if you cannot find settings of the side mounted alignment controls that get the display to behave as specified in the owner's manual:

1. Remove C233, the 33 pf disc capacitor, from the printed circuit board.

2. Replace coil L204, the 4.7 microhenry inductor, with a 6 or 7 microhenry inductor.

Alignment

Follow the alignment procedure in the SM-220 owner's manual to adjust the panadaptor. This consists of adjusting 2 potentiometers and 1 trimmer capacitor through holes thoughtfully provided in the side of the cabinet.

The alignment instructions rely on the use of the internal Marker Generator to generate a signal at the center of the passband. If you haven't converted the Marker Generator circuit, you can tune your receiver to a frequency with a signal present at a known frequency (like 162.550 MHz - the National Weather Service), and use that as a frequency standard.

Most of the time spent in aligment will be in alternate adjustments between the trimmer capacitor and the wide band sweep potentiometer, which interact with each other.

Wider Bandwidth

The SCAN WIDTH switch on the stock SM-220 can be set to display a 40 KHz or a 200 KHz wide picture. I adjusted my modified SM-220 to display a 100 KHz or a 500 KHz wide picture. By adjusting the controls on the side of the SM-220, wider bandwidths are possible, but wider bandwidths make it more difficult to resolve individual signals close to each other in frequency. As the bandwidth gets wider, the hor-

izontal sweep loses linearity, causing the graticule calibration lines to be inaccurate.

Connection to R-7000

As mentioned earlier, a DC voltage is present at the R-7000 IF output connector and is used to power an ICOM TV accessory. A direct connection between the R-7000 IF output connector and SM-220 would damage at least one of these units.

To block the DC voltage, a 0.1 microfarad capacitor was soldered inside the R-7000, between the IF output jack and the adjacent jack labeled "spare". Connection between the R-7000 and SM-220 is then made using a short length of RG-58/U coaxial cable, with one end plugged into the R-7000 "spare" jack, and the other end plugged into the rear of the SM-220.

This leaves the original IF output jack undisturbed so it can be used with the TV adaptor accessory.

Vertical Sensitivity

When I connected my modified SM-220 to my R7000, the SM-220 would display only the strongest of signals. To improve the display sensitivity, I inserted a 20 dB gain RF amplifier between the R7000 and SM-220. The amplifier was a spare Ameco PLF2 FET receiver preamp, adjusted for 10.7 MHz, but other amplifiers can be used, provided they have at least a 500 KHz bandwidth, and sufficient gain, at 10.7 MHz.

False Readings - Images

The SM-220 circuit is like a superheterodyne receiver. The panadaptor itself has a 455 KHz IF, and like other superheterodyne receivers with a low IF frequency, is prone to images.

An image is manifested as a false pip, which moves across the screen as the receiver is tuned, and is 910 KHz (twice the IF) away from the actual signal.

The images discussed here are in the SM-220, not in the receiver. Images are bothersome on the strongest signals, like those 300 watt paging transmitters that saturate the county with RF, belching out out strange digital noises or voices (now illegal to monitor).

Use With Other Receivers

The modified SM-220 can be used with other receivers having a 10.7 MHz IF. In other receivers, one would need to find

the proper point in the IF stage (before filtering takes
place), install a connector, then wire a DC blocking capa-
citor between the IF stage and connector.

---

1. Sherwood Communications, 1310 Industrial Highway,
Southampton, PA 19866. tel (215)357-9056.

2. Spectra-Display is sold by GTI Electronics, RD 1 Box
272, Lehighton, PA 18235. tel (717)386-4032.

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Copyright 1996, Bob Parnass, AJ9S parnass@att.com

Find and identify transmitter sites with RadioMap(tm)

1761. (none)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: /PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/@safe.ia.GOV
Message-ID: <199602021546.JAA07700@outpost.safe.ia.gov>
Source record: 206295

```
>From /PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/ Fri Feb 2 09:52:44 CST
1996 remote from osiint.safe.ia.gov
Date: 02 Feb 1996 09:51:02 -0600
X400-Trace: US*ATTMAIL*IADPS
arrival 02 Feb 1996 09:51:02 -0600
action Relayed
From: /PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/@osiint.safe.ia.gov
To: "/RFC-822=Ham-Equip(a)ucsd.edu/OU=OSI-INTERNET/O=WALLACE/PRMD=IADPS/ADMD=ATTMAIL/C=US/
"@osiint.safe.ia.gov
In-Reply-To: <"\"/RFC-822=199602021201.EAA19337(a)mail.ucsd.edu/OU=OSI-INTERNET/O=WALLACE/
PRMD=IADPS/ADMD=ATTMAIL/C=US/\""@osiint.safe.ia.gov>
Subject: Re: Ham-Equip Digest V96 664
Importance: normal
Autoforwarded: FALSE
Message-Id: <werl0202094944aa*/PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/@
osiint.safe.ia.gov>
P1-Message-Id: US*ATTMAIL*IADPS;IDPS3550 werl0202094944aa
UA-Content-Id: werl0202094944aa
P1-Content-Type: P2
Priority: normal
Received: from osiint.safe.ia.gov by iadpshub.safe.ia.gov; Fri, 2 Feb 1996 09:52 CST
Content-Type: text
Content-Length: 418

I have a Motorola Syntor X mobile radio built in 1986. I need to get a
copy of manual/schematics. Anyone have one? Wud be willing to pay cost
of copy/shipping.

Next; this is a UHF radio, but I know nothing about it. It is now used in the
402-430 mHz area. I want to know if it can be used in the Amatuer band.

Any help appreciated.
Scott N0XZY @ WA0RJT.IA.USA.NOAM werling@safe.ia.gov
```

1762. fax Problem HELP PLEASE....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: ashtabula2@aol.com
Message-ID: <4etd50$kpp@newsbf02.news.aol.com>
Source record: 206296

Hello Everyone,

I am experiencing a problem w/ jvfax7.0, when attempt to recieve a fax from 8.080, all I recieve is am mere full screen of gray/black, have a small GIF if you would like to better see what Iam refering to. I am very new to faxing, actually have yet to make it work.. I am recieving an excelent signal, but no pics, any HELP WOULD BE GREATLY appreciated. Have company coming over this eveing, and I would love to show them this technology..... Thanx Again

73's
Jeff

1763. REDUCING 6-METER SPURS FROM THE ICOM IC-735

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: flanders@znet.groupz.net
Message-ID: <4etfb1$8ee@news1.sunbelt.net>
Source record: 206297

NOTE: The below is being posted for Paul Bock, K4MSG, whose USENET connection is temporarily kaput. Please direct replies, queries, or attaboys to him at pbock@melpar.esys.com, which is still working.

REDUCING 6-METER SPURS FROM THE ICOM IC-735

Recently, I assembled a Ten-Tec 1208 6-meter Transverter Kit which my XYL had given me for Christmas, and which I planned to use with my Icom IC-735 HF rig to return to 6 meters after a hiatus of about 15 years. The "Blizzard of '96" having rendered outdoor work unpalatable, and roof work downright dangerous because of snow and ice accumulation, I decided to build a simple dipole and install it in the attic. This done, I proceeded to give 6 meters a try - but what a cacophony of in-band spurs greeted my ears!

With the 1208 connected to the dipole, which is located in the attic and about eight feet directly above the shack, tuning across the band from 50.0 to 50.250 (14.0 to 14.250 on the IC-735) revealed a vast array of spurs - some fixed frequency, and some of which "stepped" as the IC-735 was tuned - ranging in amplitude from right at the noise level (about S-2 on the IC-735 S-meter) to S-8. Several of the most prominent in the primary range of interest between 50.025 and 50.225 are listed below:

Frequency (MHz)	Amplitude	Description
50.047	S-7	Steady carrier
50.100	S-8	Steady carrier
50.121	S-6	Step (follows IC-735 tuning)
50.200	S-8	Mixed, steady & step
50.226	S-6	Step

Although I was able to successfully use the IC-735/1208 combo with the indoor dipole for 16 QSOs in 5 grids during the January VHF Sweepstakes, the presence of such a multiplicity of spurs, at least some of which were apparently emanating from the IC-735 (witness the "step" signals noted in the table above), was deemed unsatisfactory. I therefore proceeded to investigate the nature of the problem and to attempt to determine a solution.

The first thing I noticed was that removing the microphone from the HF rig eliminated many of the spurs and drastically lowered the amplitude of the stronger ones. Using a short length of wire as an "antenna," I alternately touched each pin in the chassis connector and discovered that although several pins were "hot" with the spurs, the worst offender was the PTT ground line. Touching a small bypass capacitor between the PTT ground pin and the chassis reduced the amplitude of the spurs several S units.

A word about where the spurs come from: Most are present inside the IC-735, at least some of them are synthesizer-related, and they are conducted between the PLL board and a small auxiliary board mounted behind the front panel adjacent to the mike connector. Signals are carried from this auxiliary board to the mike connector via a small, thin, plastic ribbon with parallel circuit traces on it; the end of this ribbon is soldered to the pins on the back of the mike connector (the ribbon has an eyelet pattern which matches the pin layout on the connector). Needless to say, any signal present on any trace is readily coupled to other traces, and with the microphone plugged in a ready-made "antenna" is available to radiate these spurious signals.

Despite the use of small RF chokes and some bypassing on the auxiliary board, the spurious signal levels audible in the 6-meter band when the antenna is located in the proximity of the IC-735 are quite prominent and annoying. Obviously, mounting the 6-meter antenna outside, high and in the clear and as far away from the IC-735 as practical, will reduce the spurious pickup. Some of the spurs were so strong, however, that I deemed it appropriate to try and reduce the amplitudes as much as possible; if reduced to the point of being a mild annoyance with the antenna only eight feet from the rig, I surmised, then using an outside antenna should render them inconsequential.

Unwilling to immediately make internal modifications, I reconnected the microphone and tried clamping a ferrite RFI choke onto the mike cable adjacent to the connector. The RFI choke consists if two 1" x 1/2" x 1/4" thick pieces of ferrite material, each with a longitudinal semicircular groove in it. Each piece is mounted in a hinged plastic cover and forms half of a clamp which, when placed over a cable and snapped shut, is supposed to reduce RFI leaving the equipment and traveling down the cable. It is intended to be used on personal computers to prevent radiation from keyboard and monitor cables.

The ferrite clamp proved to be something of a disappointment; while it did reduce the amplitude of the spurs, using one clamp only reduced the level about an S unit

and using two reduced the level no more than half an S-unit more. Given the amplitude of some of the spurs, I considered this to be inadequate, and so set about to determine what internal modifications could improve the situation.

I will spare the reader the details of all the measurements and combinations tried, but suffice it to say that internal bypassing is the only way to effectively reduce the spurs to a point where they become barely an annoyance; I was unable to eliminate them entirely. The remainder of this discussion deals with the final modifications as they were incorporated in my IC-735.

To accomplish the internal bypassing, first remove the top and bottom covers of the IC-735 and lay it on its top with the front panel facing to the left. This puts the mike connector on the observer's left and immediately in front. Behind the mike connector is a small, vertically-mounted circuit board, and pointing towards the observer from this board are several small, green RF chokes in approximate vertical alignment. These chokes are, from top to bottom: L8, L7, L6, L5, L4, and L3, and are in-line chokes for the PTT, squelch, UP/DOWN control, +8 vdc, audio output, and microphone "hot" lines, respectively. L2, the microphone return, is located on the same board but on the bottom left as viewed by the observer and is pretty inaccessible.

Since L7 (squelch), L5 (+8 vdc) and L4 (audio output) are not connected to any wires in the mike cable when the standard HM-12 hand mike is used, they can be ignored. This leaves L8 (PTT), L6 (UP/DOWN), and L3 (mike) which could be bypassed. During testing I determined that bypassing these chokes reduced the spur levels as follows (tests performed while monitoring the 50.100 spur):

L8 bypassed: Level reduced from S-7 to S-6
L6 bypassed: Level reduced from S-7 to S-4
L3 bypassed: Level reduced from S-7 to S-6

I also determined that bypassing L2 (mike return) would reduce the spur from S-7 to S-5, and bypassing pin 6 on the mike connector (PTT return, which does not pass through a choke) would reduce the level from S-7 to S-4. L-2 is located such that my soldering iron wouldn't reach it, but pin 6 of the mike connector was barely accessible from behind by *very carefully* reaching in. I therefore determined that I would install three bypass caps: One on pin 6 of the connector (PTT return), one on L8 (PTT), and one on L6 (UP/DOWN). Since bypassing L3 (mike) had only a minimal effect at best, it would be left alone.

The capacitors I chose were all CK05 square ceramic types, but disc ceramics should work just as well. The values I used were 0.1 ufd for bypassing pin 6 of the mike connector and 0.01 ufd for bypassing L8 and L6.

The RF chokes are easily bypassed, since they are mounted vertically to the board (horizontally to the observer) with the outer-most lead looped back down to the board. Make a small "hook" in one lead of a bypass capacitor (cut the lead length to about 1/4" or so), hook it over the wire of the loop, and tack it with the soldering iron; the other lead of the bypass capacitor should be grounded. Alternate loops have insulating sleeving on them, but as it happens the loops of L8 and L6 (top and third from the top as viewed by an observer with the rig upside down as described) have no sleeving and so the connections are easily made (see the note below regarding the ground connection point).

Connecting to pin 6 of the mike connector is a bit trickier: First, make a small loop in one lead of a capacitor (the lead can be cut to about 3/8" long first), bend the loop 90 degrees, then slip it over the pin. Reach in *VERY* carefully with a small soldering iron (25 watts or less) and "tack" the lead to the pin. ***USE EXTREME CARE NOT TO TOUCH THE PLASTIC RIBBON OR ANY OTHER INTERNAL COMPONENTS OR WIRES!!!***

The free lead of each bypass capacitor should go to chassis ground, and this is easily accomplished by mounting a solder lug under the nearest PC board holddown screw on the large board mounted to the underside of the IC-735. This brass screw is plainly visible on the left front edge of the board (as viewed by the observer with the radio facing left); just remove the screw, lockwasher and flatwasher, slip a lug over the screw shaft, and reinstall the screw with the lug facing toward the rear of the front panel. I used one of the long, tapered lugs. It's easiest if you install the lug *FIRST* before installing any of the bypass caps.

After installing the three bypass capacitors most of the spurs had been reduced to the point of being completely inaudible. Of the strongest of the original spurs, the two at 50.100 and 50.200 are barely audible at the noise level, the synthesizer-derived "step" spurs at 50.121 and 50.225 are no more than S-3 (with an S-2 noise level and the IC-735 preamp turned on), and only the 50.047 steady carrier is unchanged at S-7 (my guess is that this is an external signal; I have a couple on 2 meters from the local TV cable). There are no other spurs of any consequence within the range from 50.100 to 50.225 -oh, perhaps a very faint, almost inaudible remnant in two or three places - but nothing to interfere with weak signal operation. An outside yagi should

only make things better.

For those who may be wondering, I actually tried cutting the UP/DOWN line at L6 but it made almost no difference; bypassing is the only thing that really seems to work. Oh, yes, don't forget to ground the IC-735 to your station ground via the rear panel ground jack - the difference between "grounded" and "ungrounded" is about half an S unit (with no bypassing).

Incidentally, the modifications have had no adverse effect on operation of the IC-735, and in fact have made 6-meter operation very pleasurable. I can't wait for that first sporadic E band opening!

If you have questions or comments about the problem, tests, or procedures described, please feel free to drop me an e-mail at pbock@melpar.esys.com or call me at (703) 560-5000 x 2062 (weekdays) or (540) 882-4745 (evenings/weekends).

73,

Paul Bock, K4MSG

NOTE: The above is being posted for Paul Bock, K4MSG, whose USENET connection is temporarily kaput. Replies/queries/attaboys go to him at pbock@melpar.esys.com, which is still working.

1764. ICOM W-31 HT mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: mikek@deltanet.com
Message-ID: <4etka2$5hl@news2.deltanet.com>
Source record: 206298

Anyone have any mods for the 31at?
Please reply via e-mail. thanks

1765. DC connectors and wiring

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: gerryc@airmail.net
Message-ID: <gerryc-0202961123300001@dal20-19.ppp.iadfw.net>
Source record: 206299

ARRL Field Service, and Dallas RACES DC Connector Standards

The DC connector as recommended for Dallas RACES is the same as the one
that ARRL Field Service recommends, the 2 pin Molex connector with .093"
pins for DC.
The drawing for this connector configuration can be found in the ARRL hand book.
Having a standard connectors for DC and antennas and audio has proved it
"worth" time after time during tornado and weather situations.
During the emergency communications efforts after the Lancaster
tornado, lots of amateurs who were non RACES, volunteered there equipment
to help. Because of the variety of connectors much of it could not be used
during the first few hours of the effort. There simply was not time to
modify the equipment during the initial effort.

Amperage Rating

Some people will argue that ARRL field service people "blew it" and
this DC connector is not good for High Power (50 to 70 watts) 2 meter rigs
as the connector is rated at 8 Amps. Please note that Radio Shack was very
conservative with manufacturers ratings. This connector from Molex is
actually rated at 12 amps.
The connector was tested by my Employers Quality lab at 13.8 V at 10
amps. After 50 connect/disconnect cycles the drop across the connector was
50mv at 10 amps, and after 200 connect/disconnect cycles the drop across
the connector was 57mv at 10 amps. This connector will withstand a whole
lot abuse and still work considering the "intermittent duty" nature of
most mobile radios.

Parts and Part Numbers

This connector can be found by the Radio Shack part number 274-222.
This part number is a kit that contains 1 each male and female shell and 2
each male and female pins.
AMP and Molex make identical connectors that are directly
interchangeable and in fact carry the same part, under identical part
numbers. For those wishing to buy in bulk, the AMP/Molex part numbers are:

Male shell 03-09-2021
Female shell 03-09-1022
Male .093 Pin 02-09-2103
Female .093 Pin 02-09-1104

Each year after the National Weather Service "Skywarn" school we have a
"connectorizing party" to introduce new RACES members to the connector
standards and to help any who might be having trouble getting there radios
standardized. This is done for the price of the connectors or they can

provide there own.

Crimping or soldering

Our tests on this connector showed that most of the failures on this connector came not from the connector itself, but from improper field crimping. The failed connectors we tested failed because of crimps made with "any tool available" rather than the crimping tool recommended by AMP/Molex. The improper crimping caused arcing with the associated carbon contamination. Further tests showed that even improperly crimped connectors performed to spec. or better if soldered. For this reason in Mobile applications, CRIMP and SOLDER.
There is a NASA specification that calls for connectors to be "crimped when possible". It should be noted that this specification also covers the manufactures crimping recommendations and tooling.

Wire

Another failure mode that was noted was not from the connector but from the wire used with the connector. For Mobile applications 18 AWG (American Wire Gauge) is rated for 14 to 18 amps. Lamp or extension "zip" cord is rated in the 12 to 14 amp region.
18 AWG stranded wire is found in most any automotive parts store. Suppliers such as Radio Shack do not carry this size wire. Many of the failures came from people "one stop shopping" using smaller wire or solid wire that R'S. carried rather than purchase the larger "automotive" stranded wire.

Insulation and Strain Relief

After recommended crimping, you can add both extra insulation (to prevent fraying) and strain relieve at the same time with the addition of heat shrink tubing. Insulate both conductors with a 2 inch length of heat shrink per conductor. Make sure that the crimp part of the pin is covered with tubing. Shrink the tubing. After this is done, pass both insulated conductors through a slightly larger diameter of shrink tubing. A length of about 1.5 inches seems to work well, Place both of the conductors in the shell and seat the pins, slide the larger heat shrink down to connector shell, then shrink. Among other things this gives the connector a professional "finished" look.
The strain relief part from Molex works very well but is hard to come by in small quantity and is expensive. This compromise has worked well. Adding this insulation modification to an already assembled connector is possible with the "extraction" tool available from AMP, Molex and Radio Shack.

Using the larger "Heavy Duty" 20 amp connector from Radio Shack

Again for those who argue that the 8 amp connector is to small, Radio Shack also carries a larger, heavy duty connector similar to a Molex. (Female connector and Pins 274-154, Male connector and Pins 274-151). Besides the larger pins and current capacity, this connector has a very nice "positive locking" latch molded in the nylon. These larger connectors

seem to be in favor with the amateurs who like Mobile HF work.
Additionally, these connectors can accommodate a much larger wire size. 10 to 14 AWG. Again Radio Shack was very conservative with their ratings on this connector.
For those amateurs who use these connectors as their "standard" in the Dallas area, they also carry an adapter to convert this connector to the ARRL/Dallas RACES standard.

Existing Original Equipment Manafactures (OEM) Connectors

Many amateurs do not like to modify there equipment from the manufactures connector. They prefer to leave there equipment "original" as this aids in resell value. Again all that is required for the standardization scheme, is to have an adapter available to convert to the standard.
The OEM connectors do not have to be replaced, simply adapted to the standard.

1766. Re: QSK Cookoff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: turner@safety.ics.uci.edu
Message-ID: <4etmu6$dhv@safety.ics.uci.edu>
Source record: 206300

>In article <DM3Lzv.A4z@iglou.com>, n4lq@iglou.com (Steve Ellington)
>writes:

>>Last night we ran a QSK cookoff to determin which of three transceivers
>>has the fastest QSK. The rigs were:
>>Kenwood TS-940S
>>TenTec Triton IV 540
>>Icom IC-706

Interesting. Why choose a 1978 vintage Ten Tec against a
1992 vintage Kenwood and a 1996 vintage Icom? This is a nearly
20 year difference in technology.

Clark
WA3JPG

1767. TS-830s/VFO-230 Problems

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: mdonohue@renc.igs.net
Message-ID: <4etm1k$6tm@nntp.igs.net>
Source record: 206301

Hi:
Have recently developed a problem with my Kenwood TS-830s and
VFO-230. The VFO-230's digital display is now reading exactly 100kc
higher than that of the TS-830s.

TS-830s Display VFO-230 Display

3.757.0 857.0

Does anyone know of a short and simple correction for this
mismatch in displays. The VFO is controlling both the Receive
and Transmit Frequncies. The VFO even though displaying a 100kc
higher in freq is in fact operating on the correct frequency
which is 100kc below that of the VFO's display. Hope I havent
confused anyone, but anyone who can help would be greatly
appreciated. Thanks

73 De Michael VE3DMJ

1768. Signal One power transformer

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: cwockner2@aol.com
Message-ID: <4etp8l$opn@newsbf02.news.aol.com>
Source record: 206302

Need power transformer for cx7 a b . Also need leds for readout for cx7b.
:W9RWX : Call Clark Wockner @ 815 432 3507 or cwockner@aol.com
Clark Wockner
Watseka, Illinois USA

1769. Mod's For Th 79AD Handheld

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: Ryan Workman <workman@algorithms.com>
Message-ID: <311267DC.DE@algorithms.com>
Source record: 206303

I am a volunteer EMT and also a Ham Op. KB2OOP. I was wondering if there is an extended RX/TX Mod for the 79Ad that doesn't require soldering??? If any ones knows of any or where I should look let m,e know!!

73,
Ryan Workman
Workman@Algorithms.Com

1770. WTB: New SB-220 front panel

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-02 00:00:00 UTC
From: STRICK@UGA.CC.UGA.EDU
Message-ID: <17721D325S86.STRICK@UGA.CC.UGA.EDU>
Source record: 206304
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

Anyone have a new front panel for a Heathkit SB-220? My old dog
of an amp ɾuns well, but looks like crap. Thanks.
Bill, WA4FVT, Athens, GA
strick@uga.cc.uga.edu

1771. R-1230 D/F receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: radiomatt@aol.com
Message-ID: <4f0cjl$o8a@newsbf02.news.aol.com>
Source record: 206105

Need manual and power supply plus D/F indicator---help please

1772. Is there a Commercial.Radio News.Grp?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: greends01@aol.com
Message-ID: <4euulg$9mu@newsbf02.news.aol.com>
Source record: 206106

Looking for newsgroup for commercial radios. I just got my novice ticket but I need a commercial band (450 -460 Mhz) radio. I would prefer to only by 1 radio but I'm told the TX bandwidth on ham rigs are too wide. Any input would be appreciated.

73's
Derek N1VIE

1773. Re: IC 3220 bad rx above 449.995?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <4euqpj$9uu@news.halcyon.com>
Source record: 206107

Dave,

I do not have a modification but when you tune the 3220 above 449.995 Mhz or below 440 Mhz the Amateur front end is completely turned off. A two transistor front end is switched on and all of the receiving is done through that front end. This allows the radio to broad band. The sensitivity does go to about 1.5 microvolts though. Youwill need to find out how to enable the Amateur front end this will pick up the receive sensitivity, but the radio will be limited to the actual bandwidth of the amateur front end. May times one can stager tune the amateur front end to give a little band spread.

Gary

1774. Re: For Sale Postings, wrong?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: jyazel@freenet.columbus.oh.us
Message-ID: <4f0gn0$n39@acme.freenet.columbus.oh.us>
Source record: 206108

W8JI Tom (w8jitom@aol.com) wrote:
: There are getting to be a lot of for sale postings here. Isn't that the
: wrong use for this group????????

: 73 Tom

I also thought that this group is a for sale group (the title sounds that way to me.

What is the correct use?

W8RAG

1775. Re: NIR-10 Upgrade..Worthwhile????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: jleining@planet.net
Message-ID: <4f0f74$3ff@jupiter.planet.net>
Source record: 206109

> Grant Youngman <nq5t@gte.net> writes:
> Bob Horvath wrote:
> >
> > Is the version 4.0 upgrade to the NIR-10 worth getting and doing?
> >
>
> I don't know. But upgrading to an NIR-12 is DEFINITELY worth doing.
>
> Grant/NQ5T
>
>>>>
Yes the upgrade to version 4.0 is well worth it. The enhancements are a automatic setting of NIR when turned all the way to the
right, the peak mode is now adjustable, better noise reduction and better sound quality of the audio.
Prior versions sounded a bit to robotic at times. Hope that helps.

73's

1776. For Sale: Yaesu FT-530

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: hsaigh@netzone.com
Message-ID: <31133474.2362763@news.netzone.com>
Source record: 206110

I have an FT-530 handheld dual band for sale, it includes mic and external antenna. Im looking for best offer or trade for?

Thanks!

-Hani

1777. Re: Connector Insertion Loss

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: Dale Martin <kg5u@hal-pc>
Message-ID: <4f0fas$930@news.hal-pc.org>
Source record: 206111

A few years ago, at a Texas DX Society meeting, one of our members presented a program on connector loss at MF, HF, VHF, UHF frequencies, using the PL-259 series of connectors.

The results were pretty interesting and caused a number of us to change our minds about the 259 series of connectors.

His worst case scenario was to set up a string consisting of about 30 or 40 connectors (double female, double male, right-angle and straight). With a 50 ohm output signal generator, he ran through the spectrum and measured input power and output power (termination: 50-ohm non-inductive dummy load). The losses were negligible. Even at UHF frequencies.

I wish I could find the report on the program in one of our old newsletters, but I cannot. I will try to look for it through some of the other members or from Bill (k2tno) himself.

For what it's worth....

73,
Dale Martin, KG5U
kg5u@hal-pc.org
Houston, TX

1778. Schematic for Drake SW-4 needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: turner@safety.ICS.UCI.EDU
Message-ID: <27204.823377398@safety.ics.uci.edu>
Source record: 206112
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

Anyone have a copy of a manual, or even a bare schematic for my
Drake SW-4? It has stopped working and I would like to troubleshoot
it.

Clark
csturner@uci.edu

1779. Suggestions wanted on HF meters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: me <IO20754@MAINE.MAINE.EDU>
Message-ID: <96034.151617IO20754@MAINE.MAINE.EDU>
Source record: 206113

I am looking to purchase a meter for HF us including SWR
and power. I am only interested in a quality unit that will sit on
a bench or shelf. If any one has had some good experiences with a
nice meter unit handeling full legal limit power, please share them.

Thanks for your comments,
Aaron
KA1VOA

Please respond to my account

1780. FS 486/33 LAPTOP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: denoid95x@aol.com
Message-ID: <4f0k8m$qsq@newsbf02.news.aol.com>
Source record: 206114

I am seeling my Acer 486/33 laptop, it has 4 meg ram, 200+ meg ram, dual scan color monitor, PCMCIA 14400 modem, 3.5 HD floppy, room for another PCMCIA card, has windows 95 running on it now, and other.

MAke a reasonable offer.. I will be accepting bids through the week.

N9RLR/2
Syracuse, NY

1781. FS MOTOROLA SERVICE MANUALS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: wa8ulx@aol.com
Message-ID: <4ev252$bac@newsbf02.news.aol.com>
Source record: 206115

I HAVE THE FOLLOWING LIST OF MANUALS FOR SALE IF INTERESTED E-MAIL
WA8ULX@AOL.COM
1EA MITREK UHF
1EA MICOR "COMP-STATION'" BASE AND REPEATER VHF AND LOW BAND
1EA MICOR UHF
1EA HT220 VHF HT
1EA CONSOLETTE BASE STATION VHF AND UHF
1EA PT SERIES HANDIE-TALKIE LOW BAND
1EA MOTRAC VHF AND LOW BAND
1EA SYNTOR VHF
73 BRUCE

1782. Re: Clegg FM-27B and Regency radios

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: gkantor@intac.com
Message-ID: <4f0o4t$62i@nile.intac.com>
Source record: 206116
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

Steve,

Funny you should mention the FM-27B and the HR-2 in the same sentence. The running joke of that era was that if you had a Clegg FM-27B and a Regency HR-2 with a 146.940 receive crystal, you could indeed work all of 146 - 148 MHz at the same time! The Clegg was capable of transmitting over that entire range simultaneously and the Regency was so W-I-D-E that it could receive everything within 1 MHz of the crystal (Center) frequency!

"The way Clegg talks and the way Regency hears, it's a perfect match!"
Yenta the Matchmaker....

73's
Gary, WA2BAU

1783. HELP! NEED DIAGRAMS PANEL ELEC.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: yv5dta@igc.net
Message-ID: <4f0oan$im6@IRIS.igc.net>
Source record: 206117

Hi
I NEEDS THE DIAGRAMS, DATA ON WAVEFORMS & VOLTAGE OR A MANUAL ON A PAG
EL ELECTRONICS ,600MHZ FREQUENCY COUNTER BUILT IN RESEDA CALIFORNIA ABOUT
1973...

Please if you have this info, e-mail me direct to:yv5dta@igc.net

Steve Morao
yv5dta@igc.net
http://www.igc.net/~yv5dta/ham.htm

1784. QST 144/440 dualbander review

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: comptnce@airmail.net
Message-ID: <3113e794.290142910@news.airmail.net>
Source record: 206118

I was told QST recently did a review of 144/440 dualbanders. Does anyone remember what issue that was? Please reply via email.

Jim Long, K5QPT
comptnce@airmail.net

1785. ALINCO DJ-580T

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: doogiek@aol.com
Message-ID: <4f0pqa$spq@newsbf02.news.aol.com>
Source record: 206119

anyone with info about modification for extended transmit and receive for
the Alinco DJ-580T please e-mail me at DoogieK@aol.com

thanks in advance

Doogie

1786. Re: For Sale Postings, wrong?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: rolfe@ldp.com
Message-ID: <4f0pnl$13i0@news-s01.ny.us.ibm.net>
Source record: 206120

In <4f0701$ma8@newsbf02.news.aol.com>, w8jitom@aol.com (W8JI Tom) writes:
>There are getting to be a lot of for sale postings here. Isn't that the
>wrong use for this group????????

It certainly is -- they belong in rec.radio.swap.

Rolfe
W3VH

--
Rolfe Tessem | Lucky Duck Productions, Inc.
rolfe@ldp.com | 96 Morton Street
(212) 463-0029 | New York, NY 10014

1787. FS: Ham Equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: "Steven A. Bailey" <bailey@skipjack.net>
Message-ID: <4euk0d$56o@shore4.intercom.net>
Source record: 206161

I have the following items for sale:

1. Astron 20-A linear power supply. 16 Amps continuous.
13.8 VDC. $75

2. Datong VLF Convertor...converts incoming VLF signals
to frequencies 28 Mhz or higher...For easy tuning on
normal communications receivers. $50

All the above items work perfectly...I believe these are fair
prices, so you pay shipping.

Steve

1788. Alinco DJ-580 - Size of DC plug?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: maultsby@vnet.net
Message-ID: <4eu8r4$pkc@ralph.vnet.net>
Source record: 206162

I was wondering if anyone out there knew what size plug was meant to go in the DC-in jack on the Alinco DJ-580. Alinco tech support in California swears they have no clue what it is, which I find hard to believe. The guy I talked to acted as if there was no reason that anybody would ever WANT to know something like that. I believe I have the 1.3mm plug, but it cuts out when the cable gets moved in the slightest little bit. I'm not sure if my plug is too big, or if something on the inside of the radio has been bent.

If anyone could tell me what size was meant to go in there, I'd appreciate it. I'd rather buy the plug at Radio Shack than spend 10 bucks on Alinco's version of it.

And I guess my next radio won't be an Alinco, if they don't even know even know the most basic things about their own radios...

| John Maultsby (maultsby@vnet.com) | Lost in Charlotte, NC |
| Amateur callsign: AB5WH (ex-KE4CLW) | Professional Night Owl |

1789. Transmitter fingerprinting (was Re: 82 Repeater in Kansas City)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <4eu9oi$86i@abyss.West.Sun.COM>
Source record: 206163
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc

In article <4ete1q$b0o@bcarh8ab.bnr.ca>, Dean Denter <ddenter@magi.com> wrote:
>In article <DM3E61.G7v@pe1chl.ampr.org>,
> rob@pe1chl.ampr.org (Rob Janssen) writes:
>>In <dbaker.85.000A5CBA@mail.bcpl.lib.md.us> dbaker@mail.bcpl.lib.md.us (Donald I. Baker) writes:
>>
>>>Technical solutions do exist. Using a "TX-ID" board, which uniquely
>>>fingerprints each transmitter and a PC one can "slectively" include or
>>>preclude individual users.
>>
>>>The board was not meant for that purpose, but with just a little Basic of C
>>>codes, it workd just fine. It is especially easy if you have a single or
>>>limited number of receive site.
>>
>>Is that using some public key encryption technique?
>>If not, what is preventing the malicious from cloning one of the
>>apparently valid codes?
>>
>
>Every radio has a "unique" pattern when you key it (due to differences
>in the components etc), this pattern can be used to identify a radio.
>There is no encrypted signal or anything that fancy.
>
>One of the repeaters that I used to monitor had a tx-id system on it,
>if you ker-chunked the repeater more than 3 times in a 5-10 minute
>period, it would lock you out for a couple of days. It was also used
>to track stolen equipment (you had your tx "fingerprinted", then when
>the tx got stolen, you just let one of the ops know and the repeater
>would advise you when it heard that tx (if it heard it)). They, also,
>could (and did) blacklist certain radios.
>
>
>>Also, what is preventing the malicious user from just keying up over
>>other people's transmissions, thus rendering the repeater useless?
>>
>
>This is one of the weaknesses of the system, another is changing the
>rig, or swapping a couple of components in the tx (changing some of
>the resistors/caps is usually enough).

Admittedly, I've never evaluated one of these transmitter fingerprinting systems myself, but I have a little trouble believing some of the claims made about them. For example, the claim that each and every radio

is uniquely identifiable, even radios of the same model and production run. Granted, variation in component values will result in slightly different PLL characteristics, but I have yet to see any evidence that suggests that the resulting fingerprint varies enough to be considered "unique". Also, component ageing and temperature variation can cause considerable drift over time, and I haven't seen any evidence that this drift isn't great enough to change the "fingerprint" of the radio.

Another factor worth mentioning is that the characteristics of a PLL may change considerably as you change frequency, due to variation in gain of the VCO. A fingerprint taken at 144.0MHz may not "match" a fingerprint taken at 148.0MHz, for instance.

I'm also interested in how accurate the software algorithms are that are used to compare a captured fingerprint with stored fingerprints. I can't help but speculate these algorithms generate a likelihood of match measurement, and some arbritary level is used as a decision point (like, say 90% likelihood of match). Too loose a standard and many radios will match one fingerprint, too tight a standard and one radio won't match it's own fingerprint from one day to the next (or even one frequency to the next).

I've worked with people that built radar-signature analyzers (part of an electronic countermeasures system) and they indicated that the signature of a model of transmitter was very consistent from one unit to the next. Granted, radar transmitters are different than PLL controlled transmitters, primarily that a radar transmiter signature consists of both amplitude and frequency variation and a PLL transmitter signature is composed of frequency variation, but the fingerprinting technology depended on a high degree of consistency from one unit to the next.

Every time I bring this up, I get a handful of mail messages from people saying "we have it and we swear it works", and I think the concept is really neat and I'm sure there are some neat prototypes. I'm just not convinced the people using this technology are completely aware of how it works, and/or being completely honest about how well it works. I'm curious, and want to research it more sometime, and it would be neat if could discuss this technology objectively without immediately descending into an unrelated thread about repeaters, jammers, scumbags and the FCC.

Please note that I trimmed the Newsgroups: line, and have set the Followup-To: line to rec.radio.amateur.equipment.
--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *

1790. Re: yaesu ft-40 or ft-10 mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: otterson@mindspring.com
Message-ID: <4eueeb$cqk@brickbat.mindspring.com>
Source record: 206164

Yaesu FT40R Expanded RF Modification.
420-480 Mhz, Transmit and Receive.

This radio is not type accepted for use outside of the amateur
70 cm band, and transmitting with it outside of the amateur band is a
violation of U.S. Federal Law.

1) Turn the radio off and remove the battery.

2) Peel off the black NiCd information seal, (under the battery) and
loosen (but do not completely remove) the 2 screws on either side
of the slot behind the keypad.

3) From the rear, carefully press on both screws to eject the keypad
slightly, then remove the screws to free the keypad.

4) From the front of the radio, carefully pull the keypad up and
toward the top of the radio.

5) Locate and unsolder the 0 ohm chip resistor at location "M"

6) Gently but firmly press the keypad back into place on the front of
the radio, taking care that the gasket seals evenly around the
keypad with no pinching.

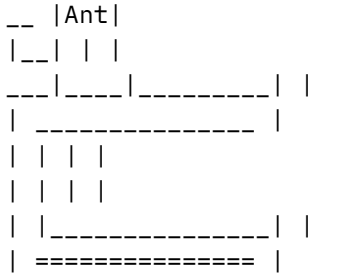
7) Replace the 2 screws on the back of the radio. Do not over-tighten

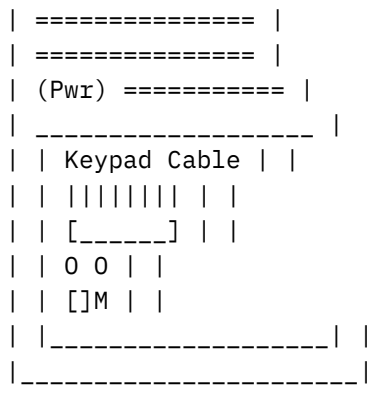
the screws, they are screwing into plastic. Re-attach the NiCd
information seal.

8) Replace the battery.

9) Press and hold the knob and the light button, then press and hold
the power button until the radio turns on. You may or may not
need to reset the radio (knob, monitor & power) then activate
expanded RF (knob, light & power) to make the modification
effective.

10) Modification complete!





Jeff Otterson
---
otterson@mindspring.com
Maker and user of tools
PGP key available at http://www.mindspring.com/~otterson/pgp.htm

1791. Re: fs: ICOM R1 with full

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: roland.stiner@hobbs.com
Message-ID: <8BA10B6.0027002D30.uuout@hobbs.com>
Source record: 206165

To: horak@convex.com
Subject: Re: fs: ICOM R1 with full 800MHz Coverage

H>$500? That's OUTRAGEOUSLY HIGH!!!! New ones don't sell for near that!

It's probably not cellular blocked. If it isn't, then it is probably
worth the price. I have an ICOM IC-7000 that is unblocked and I
wouldn't sell it-period. It's worth too much.

OLX 1.53 de, NK2U

* Origin: CyberNet BBS Lyndhurst, NJ (1:2604/151)

.....ooooo0OOOOo http://www.intac.com/~cono
__,-----. ---+_________#_ The Roy Hobbs BBS sysop@hobbs.com
|________| |__|__________} Node 1: 201-641-7307
ooooo oo ~ ooO-O-O-O == oo\ Node 2: 201-641-3126

1792. Kenwood TR-8400 Info request

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: max@tvol.IT
Message-ID: <199602031033.KAA11857@alessia.tvol.it>
Source record: 206166

I'm looking for schematics, user manual and any oher info about the Kenwood TR8400 UHF transceiver.
I have a 2nd-hand one, and i'm trying to "resume" it: the -1600 repeater shift is not correct over 435Mhz frequency (-1625, very fun), it refuses to hold any frequency settings (including vfo freq.), so the battery is off, but i did not find the internal battery; the 1750Hz tone switch only puts on PTT but no modulation, and i'd like to adjust mike gain.
I'd like to solve those problems!
Thanks in advance for anyone helping me.

1793. Re: GMRS equipment?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: ke6tgn@ix.netcom.com
Message-ID: <4ev931$i8v@ixnews7.ix.netcom.com>
Source record: 206167

In <krogers-0202961928020001@ip-pdx15-32.teleport.com>
krogers@teleport.com (Kevin Rogers) writes:
>
> am looking for a GMRS mobile unit (25 watts) and handheld units (2 or
>more watts) here in the Portland,OR area. i am not having any luck
>finding ANYONE who knows what i am talking about. can anyone here tell
>me where i could find such equipment and maybe some average price
>info?
>thank you very much for any information.
>kevin

Radio Shack sells them. They are 10 channel UHF-FM with 2 watts out.
They are on sale for $179.95, regular price $219.99. RS stock number is
19-901RA.

1794. Re: Atlas 210X Service Bulletins 1-5

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: "Michael G. Reiney" <mreiney@hevanet.com>
Message-ID: <4ev9jk$f0@vista.hevanet.com>
Source record: 206168

I'm also interested in learning the contents of these bulletins.
Thanks, miker

1795. ICOM IC-729 info

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: max@tvol.IT
Message-ID: <199602031048.KAA11874@alessia.tvol.it>
Source record: 206169

I would like to have some informations on the HF ICOM IC-729 RTX:
1) How to increase Tx-Rx commutation for amtor operation.
2) How to increase Rx (Tx) coverage.
Many thanks.

1796. Re: Grounding problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: dougrand@i-2000.com
Message-ID: <4eun2v$j0n@i-2000.com>
Source record: 206170

edbu@sepia.wv.tek.com (Ed Burress) wrote:

xxIn article <4el6e4$8tc@newsbf02.news.aol.com> w8jitom@aol.com (W8JI
Tom) writes:
xx>
xx>Braiding is great for car battery and power supply wiring, but it's
much
xx>better to use flashing for RF and lightning protection. If you have
to use
xx>a flexible wire, use stranded wire with minimum amount of twist.
xx>
xx>73 Tom

xxI've always wondered about using 1/2 or 3/4 inch copper water pipe
as my
xxground rod feed. It is plenty heavy enough, and I could "plumb" it
right
xxup to my workbench from outside. All the connections would of
course be
xxsoldered, and my final connection to the ground rod could also be
friction
xxfit, then soldered (using my two gas torch).

xxAnyone see any problems with this idea? I'm anxious to try it as
soon as
xxthe ground thaws out a little. My #10 ground wire just isn't
cutting it
xxrf wise. What do you folks think?

xxThanks
xxEd Burress
xxKC7GFX

I was thinking along these lines also, jetting in about ten feet,
soldering several sections up to my second story shack and then
bringing in braid or flashing to the back of the equipment.

Kn2y

1797. Indicator bulbs on Dentron amplifier

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: elw@rain.org
Message-ID: <4euq1v$ij1@news.rain.org>
Source record: 206171

Does anyone know of a source for the #333, 12 volt, red and green bulbs used on the Dentron amplifier to indicate power on and ready?

73, Larry

1798. Re: GE Master II Question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: glittle@awod.com
Message-ID: <4eu9rt$56i@harbour.awod.com>
Source record: 206172

In article <4ebo4d$gpl@taz.napanet.net>, jheide@napanet.net (Joshua C. Heide) says:
>
>There is a power control pot on the PA board. It will be the only adjustment
>on this board.
> Josh
> KD6KML@napanet.net
>
>In article <4d8qrd$n08@nnrp1.news.primenet.com>, mattstr@primenet.com says...
>>
>>Hi everyone. I have a 440 repeater that is built out of a GE
>>Master II, the 40 Watt version. Does anyone know how to turn down
>>the power output? There is probably a pot inside to do this, but I
>>do not know where it is. Any help would be appreciated. Thanks
>>Matt KJ7DX
>>

You are correct. There is a power set pot.

It is located in the input area of the PA board.
This is the end furthest from the TR switch.
If the board was diviuded into thirds it would be in the center of
the third near the input.

It should be labeled R213.

73
Glenn
WB4UIV

1799. Installing radio in 91 240SX (help)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: mikek@deltanet.com
Message-ID: <4ev1rv$rjn@news2.deltanet.com>
Source record: 206173

Hi
I have a 1991 Nissan 240SX Hatchback and a Kenwood tm-732-a. I'm looking for advice from others who have installed a comparable radio in a 240. Where is your control head, radio body, and (most important) Where and what are your antennas? I'm trying not to damage the car too badly :)
Any information would be helpful. Thanks in advance.
please reply via e-mail, (mikek@deltanet.com) as I don't check the news that often.

73
Mike Krueger KC6ZSF

1800. Re: QSK Cookoff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <DM6KvH.2y3@iglou.com>
Source record: 206174

: Interesting. Why choose a 1978 vintage Ten Tec against a
: 1992 vintage Kenwood and a 1996 vintage Icom? This is a nearly
: 20 year difference in technology.

Simple. Thats all the rigs we had. Someone send me their Omni 6 and I'll
give it a good testing.

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

1801. Re: Grounding problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb3.211104.11346@ke4zv.atl.ga.us>
Source record: 206175

In article <4eoo9fINN61i@sepia.wv.tek.com> edbu@sepia.wv.tek.com (Ed Burress) writes:
>In article <4el6e4$8tc@newsbf02.news.aol.com> w8jitom@aol.com (W8JI Tom) writes:
>>Braiding is great for car battery and power supply wiring, but it's much
>>better to use flashing for RF and lightning protection. If you have to use
>>a flexible wire, use stranded wire with minimum amount of twist.
>
>I've always wondered about using 1/2 or 3/4 inch copper water pipe as my
>ground rod feed. It is plenty heavy enough, and I could "plumb" it right
>up to my workbench from outside. All the connections would of course be
>soldered, and my final connection to the ground rod could also be friction
>fit, then soldered (using my two gas torch).
>
>Anyone see any problems with this idea? I'm anxious to try it as soon as
>the ground thaws out a little. My #10 ground wire just isn't cutting it
>rf wise. What do you folks think?

Copper pipe can work fine, Ed. There are a few things to consider,
however. 3/4 inch copper pipe is equivalent to 2.36 inch wide copper
strap, but you can buy 5 inch wide strap for about the same price
as the pipe, and that would be better. Also, since this is for RF,
sharp bends (such as 90 degree elbow joints) must be avoided. That
increases inductance of the run unacceptably. And, the National
Electrical Code forbids depending on soldered joints in a ground
conductor. You must use positive mechanical clamping. You can solder
too, but soldering can't be the only joining method used.

Despite these gotchas, the water pipe will be better than a #10
wire.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1802. Re: IC706 RELAY

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb3.222124.11658@ke4zv.atl.ga.us>
Source record: 206176

In article n4lq@iglou.com (Steve Ellington) writes:
>
>Looking at the schematic, I see several relays. Of course there are the
>BP relays and the off/on relay but which one actually puts the rig in
>transmitt mode or are there more than one perhaps?

None of the relays put the rig in transmit mode. That's done by
the microprocessor. It asserts signals which switch a *bunch*
of diode switches throughout the radio, several of the circuits
are bidirectional, and on HF it switches a relay too.

That relay is on the filter unit and is called RL1. This toggles
the filter for the HF band selected between the HF PA output and
the HF receive preamp input. This relay doesn't *key* the radio,
but it does effectively switch the antenna from transmit to receive.
The antenna is connected to the other end of the selected filter
by the band select relays.

This relay is just to the right of J2, whose cable connects to
the PA unit output. This relay must be capable of switching
1.41 amps of RF current. It is driven active 8 ms before IC38
is switched to transmit to ensure that it is switched "cold".

Note that none of this applies on VHF. The VHF signal is wholly
diode switched, and VHF has separate filters and a separate preamp,
all on the PA board. Note also that there is also a RL1 on the PA
board, but this is a *band select* relay, not a TR relay. It selects
whether the driver feeds the PA for HF operation, or feeds the diode
antenna TR switch for 2 meter operation (when signal L8 is asserted,
but *not* when B8W is asserted, hint, hint, wink, nudge). Only the
driver is used for 2 meter transmission.

Another interesting little factoid. There are two separate receive
attenuators. The one for VHF is on the PA board with the VHF preamp.
The one for HF is on the main board with the HF preamp. The VHF and
HF signals don't join until they reach IC38, a diode switched
bidirectional 69 MHz IF amp, which is used for both transmit and
receive (and which, incidentally, is *not* switched into transmit
when the radio is tuning a VHF range outside the 2 meter band, hint,
hint, wink, nudge).

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us

Lawrenceville, GA 30244 | |

1803. Re: Grounding problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb3.222714.11743@ke4zv.atl.ga.us>
Source record: 206177

In article <4eq532$46j@news1.usa.pipeline.com> rpmccoy@usa.pipeline.com(Richard P. McCoy) writes:
>>I've always wondered about using 1/2 or 3/4 inch copper water pipe as my
>ground rod feed.
>Ed:
>
>I've been using this for about a year. It seems to work pretty well.
>The 3/4 " copper pipe just fits over a standard 5/ 8 " ground rod.
>
>A slit in the end and a small hose clamp gives a good connection.
>Soldering would be even better.

But the mechanical clamp is required by the National Electrical Code.
You can solder too, but the clamp has to be there to meet Code.

>In the shack, the end is easily flattened for whatever length.
>This facilitates easy drilling for mechanical connections. Mine
>is connected directly to an Alpha-Delta Transi-Trap. Heating
>that much copper for soldering may be beyond some persons
>soldering iron. (mine)
>
>An extended flattened length could provide a ground bus.

Boo, hiss, bad Dick! :-)

Don't use buss grounds, you're asking for ground loops. Single
point connect to it.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1804. Re: Ham Radio Trader

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: haggart@ssrl01.slac.stanford.edu
Message-ID: <1996Feb3.004930.1@ssrl01>
Source record: 206178

Harlan Falkin WB7OWF (harlan.falkin@prostar.com) asked:

> How do I find out about this publication? Does anyone have an
> address for them?

Amateur Radio Trader, published twice monthly by TAP Publishing Co.,
has a return address of:

P.O. Box 3729
Crossville, TN 38557

Advertising and subscriptions:

(800)774-2623
(800)423-9030 fax
(615)484-5137
(615)484-2532 fax

There's a subscription price of $2.95 on the front, but they sent me
a couple issues unsolicited (undoubtedly via FCC/Callbook records).

It's a cheaply done newsprint rag that's full of display ads. There
is no editorial content, they sell ad space, they charge for private
party classifieds, and they mail bulk rate, so if anybody actually
pays for a subscription the publisher must be doing pretty well.

--
-Craig Haggart, KC6VHO
haggart@slac.stanford.edu

1805. Re: QSK Cookoff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb3.223605.11863@ke4zv.atl.ga.us>
Source record: 206179

In article n4lq@iglou.com (Steve Ellington) writes:
>Last night we ran a QSK cookoff to determin which of three transceivers
>has the fastest QSK. The rigs were:
>Kenwood TS-940S
>TenTec Triton IV 540
>Icom IC-706
>
>Dots were sent at various speeds from the rig being tested while one dot
>was sent by the breaking station. If the dot was heard, transmission was
>stopped immediately to acknowledge the break. This was done multiple
>times to eliminate the chance of error. Results were:
>
>TS-940s Maximum speed was aprox. 30wpm.
>Triton IV 25wpm
>IC-706.....60wpm plus. It's keyer won't go any faster.
>
>So even though the little 706 does chop it's dots, the recovery time on
>the receiver must be oustandingly fast.
>
>The Triton IV had the worst qsk even though it has better keying
>reproduction than the 706. Recovery thime seems to be a problem. Even at
>25 wpm it was difficult to hear the breaking dot.
>
>The 706's receiver sounded like it was wide open even at 60 wpm and could
>go much faster.

Great test, Steve. And it backs up my experience on AMTOR and PACTOR,
the rig recovers *fast*. (And it should, the IF stages aren't powered
on and off for TR, their inputs and outputs are diode switched instead
because they're used bidirectionally and are always hot.)

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1806. Needed: service manual for Hallicrafter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: firstgen@onlink.net
Message-ID: <4euja5$fe6@onlink3.onlink.net>
Source record: 206180

I need a service manual for the Hallicrafters Radio model TW 2000
this is an all band short wave radio made in the late 40s or early 50s
and I beleive that it was made in Canada. I have two of them and both
need work but the manual is needed in order to do the job right.
Can anyone help?

Neil

1807. Re: NIR-10 Upgrade..Worthwhile????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <823368385snz@microvst.demon.co.uk>
Source record: 206181

In article <96013150467@microserve.com>
Bob.Horvath@Microserve.com "Bob Horvath" writes:

> Is the version 4.0 upgrade to the NIR-10 worth getting and doing?

I figured that for $25 it would maintain the resale value.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

1808. Re: Connector Insertion Loss

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4f06bk$m2k@newsbf02.news.aol.com>
Source record: 206182

In article <1996Feb2.204037.6487@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>
>If you do, you'll see that the "missmatch" (sic) loss is due to the
>number of trips the exponentially decaying reflected signal makes
>on the line section multiplied (with appropriate scaling) by the
>line loss. There's a nice chart in the ARRL Handbook that will save
>you the math. For low insertion loss line sections, the additional
>mismatch loss is insignificant if the mismatch is under about 10:1.
>The maximum mismatch in UHF series connectors is about 2:1. And the
>line sections they represent are *very* short, and thus pretty low
>insertion loss.

I agree with Gary here. As I said earlier, I evaluated a group of sample UHF connectors on my HP-4191A. They were in the 25 ohm and higher range, so were all 2:1 or less.

But the bump they add is proportional to the electrical length and the amount of the mismatch. In a 259/239 junction it is a VERY short bump, less than an inch!

Virtually ALL of the discontinuity is in the SO-239 female.

It has NO noticable effect below VHF, and very little effect up to a few hundred MHz.

>Which impedance, the one presented by the ring and pin of the connector,
>or the one presented by the body of the connector, or the one presented
>between the inner and the hood on the back side of a SO239? They are all
>different. That's why the UHF series connectors are non-constant impedance.
>It's not just that they aren't 50 ohms, they aren't of course, but that
>they aren't any *one* impedance.

But externally they "appear" as one impedance that changes with frequency, and they can be perfectly compensated for over a fairly wide range of frequencies. The impedance only begins to "ripple" at UHF frequencies, causing perfect compensation to be restricted to narrow bands up there. As far as VHF or lower ***power losses*** go, you'll never see the difference between a single UHF and a type N !

73,
Tom

1809. HRO-600 Repairs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: radiomatt@aol.com
Message-ID: <4f0bt9$o0i@newsbf02.news.aol.com>
Source record: 206183

My HRO-600 pride and joy is in the shop with a plug-in VFO/Tuning unit problem; to work on it we need an extender cable. Can I buy or borrow one?

1810. Kenwood TH-79A(D) Deluxe 144/440 mhz

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: john@chief.com
Message-ID: <john.238.0061786D@chief.com>
Source record: 206184

Hi all I am new to HAM. I sa a ɾadio on the Kenwood homepage. The TH-79A(D) looks nice but there was no price on it. If anyone knows how much it costs could you please tell me?

John

1811. FS: EICO grid Dip meter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: "alex@hic.net" <alex@hic.net>
Message-ID: <4ev225$sgi@news.hic.net>
Source record: 206185

I have a like new EICO Grid Dip Meter for sale with Plugs
for $50.00 plus shipping.

alex@hic.net

1812. FS: G.E. Powre Call Mobile Amp

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: "alex@hic.net" <alex@hic.net>
Message-ID: <4ev25l$sgi@news.hic.net>
Source record: 206186

For Sale General Electric powercall mobile amplifier.
100 Watt amlifies Radio or Voice to speaker. Has Microphone
ans Control head. very Clean at $ 50.00 Plus Shipping.

alex@hic.net

1813. 6 meter Yaesu Ftv650b transverter manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: amman@airmail.net
Message-ID: <4eug0g$hm2@news-f.iadfw.net>
Source record: 206187

I need a manual for the Yaesu Ftv650b 6 meter transverter.Will pay for copy and postage.

Thanks,
Robert (KC5RYI)
amman@airmail.net

1814. GE Master II ICOMS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: garyborb@csra.net
Message-ID: <237cc$9b3a.310@news.csra.net>
Source record: 206188

At a recent Hamfest was able to pick up about 15 GE Master II low band radios and 5 Motorola Low Band units. We are first working to convert the Master II's first. Question we have is in regards to the temperature controlled crystal units (ICOMS). Does anyone have any experience in constructing the ICOMS or know of a source for the ICOMS so the units could be used on 6 Meters. Would appreciate any information!

73 de Gary, KR4XC

1815. User thoughts on ICOM IC-2350H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: Neil Gjere <ngjere@skypoint.com>
Message-ID: <311373C9.6F03@skypoint.com>
Source record: 206189

Saw this at my local Ham store... Looked interesting, and the price was within my range...

Interested in user comments on this rig.

As well as any mods available.

73s
Neil N0PFZ

1816. NIR 10 upgrade

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: Bruce Goldstein <wa3afs@inav.net>
Message-ID: <311395A1.74BB@inav.net>
Source record: 206190

I upgraded to version 4 and am quite satisfied. (But I do wish for the NIR-12 as my next goal!).

I find the upgrade easier to use. My only wish is that the upgrade would come with a completely rewritten instruction book. (I have one of the original NIR 10s and I have upgraded the chips previously and so the book is basically useless due to all the changes!

- WA3AFS Bruce

1817. Re: Help! Ten-Tec OmniVI / PK-232 Audio Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: rolfe@ibm.net
Message-ID: <4evsn4$s7i@news-s01.ny.us.ibm.net>
Source record: 206191

In <4eh6d6$eco@sundog.tiac.net>, KA1SIE writes:
>I have a Ten-Tec Omni VI and a PK-232. When the PK-232 is interfaced
>with the radio, I have audio distortion on SSB. I have heard of this
>on Kenwood radios before. CAN YOU HELP????

This is probably RF getting picked up on the PK-232 cables and fed
back into the Ten-Tec's audio circuits. Try the usual stuff to get rid
of RF -- good grounds and ferrite on everthing.

I had the same thing happen on a FT757GX several years ago and this was
the cure.

Rolfe
W3VH

--
Rolfe Tessem | Lucky Duck Productions, Inc.
rolfe@ldp.com | 96 Morton Street
(212) 463-0029 | New York, NY 10014

1818. Re: ICOM W-31 HT mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <4evvkr$hru@news.halcyon.com>
Source record: 206192

Look in the book titled " Radio / Tech Modifications " published by Artsci
at 818-843-4080. The W31A information is in there and is very accurate.

Gary

1819. Yaesu FT-51 MODS wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: rod@venus.hili.com
Message-ID: <4eungf$l43@news.ios.com>
Source record: 206193
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.swap

If there is a MOD for 800Mhz for the FT-51? Please email me

Thank You
N2RVM

1820. STANDARD 568 CELL MOD

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: Jeff Goldman <75162.2371@CompuServe.COM>
Message-ID: <4f02tf$4j8$1@mhade.production.compuserve.com>
Source record: 206194
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner,alt.radio.scanner

Does anyone happen to know the cell mod for the Standard 568 HT?

-Jeff

1821. Kenwood DSP-100 Users Feedback

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: wi3z@omni.voicenet.com
Message-ID: <wi3z.4.311390AA@omni.voicenet.com>
Source record: 206195

Just wondering what kind difference I may find using the DSP-100 on my
TS-850. I have a line on a good deal and was just wondering if it was worth
the investment. If at all, any comparison to the TS-870 would help
me as a reference point.

Thanks
WI3Z
Al Konschak

1822. Regency HR-2B Xmt. Xtal Mult.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: John Ferguson <jferg@outland.dtcc.edu>
Message-ID: <Pine.SV4.3.91.960203211034.9990A-100000@outland.dtcc.edu>
Source record: 206196

Trying to verify that the transmit crystal multiplication for the Regency HR-2B is the same as for the HR-2A...24 X. This would mean a 6.xx Mhz. crystal for 2 M. Some crystal suppliers say 18 X...and it doesn't work! Thanks for you help.

* *
JFERG @ OUTLAND.DTCC.EDU / Bend it to fit.....
John S. Ferguson K3PFW / Paint it to match.
Delaware Tech. & Comm. College-Owens Campus, Georgetown DE 19947 USA
* *

1823. Tone Board for Yaesu FT-690R (6M)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: mhmcgay@ix.netcom.com
Message-ID: <4eurfb$kqp@cloner3.netcom.com>
Source record: 206197

Can anyone tell me if you can use any commerically available CTSS board in the older-model Yaesu FT-690R Multi-mode 6M tranceiver. I was naive enough at the time not to purcase it at the time I acquired the radio and Ham Radio Outlet tells me that Yaesu no longer carries the part. Will any Comm Spec or other manufacturer's unit plug directly into the socket inside the radio? Even the instruction manual doesn't specify a part number! I can use your help on this one OMs.

Martin McGay, KA6DOF
San Carlos, CA

1824. Re: Grounding problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4f0608$lu9@newsbf02.news.aol.com>
Source record: 206198

In article <4eun2v$j0n@i-2000.com>, dougrand@i-2000.com (Prowler) writes:

>
>I was thinking along these lines also, jetting in about ten feet,
>soldering several sections up to my second story shack and then
>bringing in braid or flashing to the back of the equipment.
>
>Kn2y

But now you have another problem, impedance transformation along the line.
If the ground line is an odd 1/4 wl long, it will be a very high impedance
at the rig!

What you need for RF is a lot of electrical mass at the ground point. When
I operated on the second floor, I lined the floor with foil (under the
carpet!) and used it for an RF ground. I tied the station ground to the
bare wire *safety ground* of the electrical outlet, and the heating ducts.
I still used an earth safety ground common to the power line entrance,
telco, and CATV grounds.

Gary, KE4ZV always has good grounding suggestions for safety.

73 Tom

1825. Re: Indicator bulbs on Dentron amplifier

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4f06mt$m6p@newsbf02.news.aol.com>
Source record: 206199

In article <4euq1v$ij1@news.rain.org>, elw@rain.org (Larry Weaver) writes:

>
>Does anyone know of a source for the #333, 12 volt, red and green bulbs
used
>on
>the Dentron amplifier to indicate power on and ready?
>
>73, Larry

They bought them from Radio Shack and Mouser .

Tom

1826. For Sale Postings, wrong?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4f0701$ma8@newsbf02.news.aol.com>
Source record: 206200

There are getting to be a lot of for sale postings here. Isn't that the wrong use for this group????????

73 Tom

1827. Re: Power adjustment on the TS-440S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: fladams@iadfw.net
Message-ID: <4f0krb$kr2@news-f.iadfw.net>
Source record: 206201

johng@emerald.net.com (John Gratton) wrote:

>We have a company station with a Kenwood TS-440S(AT).
>We Recently bought a PK-232MBX and I was trying to
>bring things up last night when it occured to me I don't
>know how to limmit the power output of the rig.

>I went through the manual and read about the 'CAR' knob,
>which the manual states limits the carrier during
>AM transmissions.

>I could not, however, find anything that would let
>me adjust the RF output while in LSB mode.
>(Note, we couldn't find a 13 pin din connector
>to use the aux port on the 440, so we are going
>in through the mic jack).

>Does anyone know if it's possible to lower the power
>output of this rig? I read a paragraph that said ' when in
>FSK mode a key down time of 60 minutes requires a cool
>down of 30 minutes' (or words to that effect). This leads
>me to believe that it is not possible to turn the thing down!

>Any comments?
>--
>John Gratton | johng@net.com
>Hans Christian 33 "Nakia" | (415)780-5774

Adjusting the Mic Gain on the 440 will NOT adjust the power like other rigs. I had a friend show me how to do it with a 9 volt battery. The theory behind this mod is to apply a NEGATIVE voltage to pin 6 of the 7 pin Din plug on the back of the 440. This is the ALC pin, which normally would get feed from a Linear and the greater the negative voltage, the more the power (amp. drive) is cut back. He used a 9 volt batter and a 1k pot. He connected the pot across the 9v battery and let the wiper feed pin 6. the + side of the battery went to the outer connector casing. I never used the mod, but it makes sense and should work. Good Luck and 73's

Floyd (WD5ENJ)

1828. List Server ACC Repeater Products

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: rrc2@engrng.pitt.edu
Message-ID: <rrc2.1.000CC32D@engrng.pitt.edu>
Source record: 206202

WELCOME:

ACC stands (stood!) for "Advanced Computer Controls". I think they started in the early '80s. The products they made included the ITC-32, RC-85, RC-850, and RC-96 repeater controllers; Shackmaster 100 (a vhf/uhf/hf remote base controller); Digital Voice Recorder accessory for the "RC" series of repeater controllers; FC-900 Remote Base Interface for ICOM band units; and FC-1 Remote Base Interface for BCD controlled radios. Also, they made some miscellaneous controller accessories such as an audio delay module and a multiple tone panel.
(Jim Gerke, KC5OA)

ACC stands for Advanced Computer Controls....started in 1982 or so by Ed Ingber WA6AXX...did the original "Talking Repeater Controller" in 73 Magazine during that time....

Made the following amateur products:

ITC 32 single board controller (Intelligent Touch-Tone Control board) for rptrs, remote bases, etc
RC-850 repeater controller - the original product from the
RC-85 a scaled down baby brother of the 850
RC-96 a revised version of the 85
SM100 (Shackmaster) a home station controller..allowed phone line/RF control of HF station and VHF/UHF rigs and BSR control of home equipment
DVR - a Digital Voice Recorder either stand alone or could integrate with the RC-xxx controllers above...1 to 3 channels operating independently or together.....(could be shared by three different rptrs at one site)

plus other minor products like Patchmaster 200 (a short lived commercial interconnect), Nspector software for the RC850 (using the computer interface--Version 3.5 and higher)

At one time had over 80% of the repeater controller market in the amateur service and a good amount in commercial service as well...Long time owner of the RC850 ending with V3.8 (the last release before the 850 was retired)....V 5.2 was the last software for the 85/96 series V 1.7 was last release for the SM100.

Rights to the ITC 32 were sold to Mike WB8CXO in the late 80s.......Hall Electronics (who sells the remote base interface) still offer it with a special software package to integrate to the Voter they sell.....(Chris WB5ITT)

Rights are now sold to Link Communications

Steve Strobel
linkcomm@netins.net

(406) 482-7547 fax
(406) 482-7515 voice

I am in the process of setting up a list server for user of ACC Products. This list is for getting information on Useing the ACC products. It is a place to help each other, not a place to complain and moan about things.

If you have an interest in joining the list, send me email and tell me what products you are using and I will add you to the list server.

Any questions or problems on the acc list, please send to:

Richard R. Colwell WA3QKX
University of Pittsburgh President
School of Engineering Greater Pittsburgh VHF Society (WA3BAK/R)
664 Benedum Hall Link Communication Controller RLC-3 User
Pittsburgh, PA 15227 146.610Mhz - 444.950Mhz + 223.980Mhz - 145.330Mhz
PHONE - (412) 624-9820 rrc2@engrng.pitt.edu
FAX - (412) 624-9831

WEB - http://www.engrng.pitt.edu/~rrc2

1829. Re: Power adjustment on the TS-440S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: jleining@planet.net
Message-ID: <4f0ete$3ff@jupiter.planet.net>
Source record: 206203

> johng@emerald.net.com (John Gratton) writes:
> We have a company station with a Kenwood TS-440S(AT).
> We Recently bought a PK-232MBX and I was trying to
> bring things up last night when it occured to me I don't
> know how to limmit the power output of the rig.
>
> I went through the manual and read about the 'CAR' knob,
> which the manual states limits the carrier during
> AM transmissions.
>
> I could not, however, find anything that would let
> me adjust the RF output while in LSB mode.
> (Note, we couldn't find a 13 pin din connector
> to use the aux port on the 440, so we are going
> in through the mic jack).
>
> Does anyone know if it's possible to lower the power
> output of this rig? I read a paragraph that said ' when in
> FSK mode a key down time of 60 minutes requires a cool
> down of 30 minutes' (or words to that effect). This leads
> me to believe that it is not possible to turn the thing down!
>
> Any comments?
> --
> John Gratton | johng@net.com
> Hans Christian 33 "Nakia" | (415)780-5774
>
>>>>
On sideband you can lower the power by using the mic gain on the radio, and the carrier for CW, AM,FM,FSK.
If you want to internally set power lower then 100 watts on CW hit the VR pot,bottom of radio in the back.
You can set it at 50,60,80 or whereever if you wish.

1830. FT-736R Computer Control?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-03 00:00:00 UTC
From: sco@mindspring.com
Message-ID: <sco.625.0022EBE6@mindspring.com>
Source record: 206204

Are there any PC computer control programs available for the YAESU Ft-736R ?
Would prefer a Windows 3.1 version.

KE4IKT

1831. LOOKING FOR ADVICE ON CHOOSING A SERVICE MONITOR.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4f2o3f$gtm@news.ccit.arizona.edu>
Source record: 206055

Hi: The sponsor of our repeaters has decided to fund the purchase of a service monitor. I've been asked to go shopping about for one. What we'll be using it for is tuning/repair of 2meter, 1.25meter, 70cm transmitters /receivers, VHF and UHF Public Safety Band portables/mobiles, duplexors, etc...

But what the heck to chose? Suggestions and recomendations, as well as opinions on reasonable prices, are requested. I've briefly used a few IFR's, Waveteks, and Motorolas but that experience is rather **limited**.

Chris Weddle, N7RME
Mt. Lemmon, Arizona
Reply to: cweddle@as.arizona.edu

1832. Re: LOOKING FOR ADVICE ON CHOOSING A SERVICE MONITOR.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: rst-engr@oro.net
Message-ID: <4f2src$7bs@hg.oro.net>
Source record: 206056

>But what the heck to chose?

You'll get my IFR 1200S when you pry it from my cold, dead fingers.
Best piece of test gear I've ever owned, including the HP and Tek
stuff on the bench right now.

Dunno current market for a used one. $3-4K maybe?

Jim

Jim Weir VP Engineering | You bet your sweet patootie I speak
RST Engineering | for the company. I OWN the cotton-
Grass Valley CA 95945 | pickin' company.
voice/fax 916/272-1432 | AR Adv. WB6BHI Cessna 182A N73CQ
rst-engr@oro.net | Comm'l Pilot & CFI Airplane/Glider A&P Mechanic

1833. Re: IC706 and narrow filter in FSK

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: jdonimi@nv2.uswnvg.com
Message-ID: <4f2sra$fvq@fred.uswnvg.com>
Source record: 206057

Gary P. Fiber (gfiber@halcyon.com) wrote:
: its rated for 100% dutycycle, the fan will cool it, or the radio does have
: thermal protection and will fold back on out put power if it gets too hot.

: Gary

Good to hear, but will it allow the use of the crystal filter during FSK
mode? I do that a lot with a 500 Hz filter during contests.

Jeremy WA7YGB

1834. Re: Ham Radio Trader

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: glittle@awod.com
Message-ID: <4f2gth$dig@harbour.awod.com>
Source record: 206058

In article <0000121D00000A4F@prostar.com>, harlan.falkin@prostar.com (Harlan Falkin) says:
>
>How do I find out about this publication? Does anyone have an address for
>them? Harlan WB7OWF
>
Amateur Radio Trader
P.O Box 3729
Crossville, TN 38557

1-800-774-2623

73
Glenn
WB4UIV

1835. Re: Yaesu FT-51 MODS wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: glittle@awod.com
Message-ID: <4f2h7p$dig@harbour.awod.com>
Source record: 206059
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.swap

In article <4eungf$l43@news.ios.com>, rod@venus.hili.com (Blackshadow) says:
>
>
> If there is a MOD for 800Mhz for the FT-51? Please email me
>
> Thank You
> N2RVM
>

Check Oak.oakland.edu for mods on many equipments.

73
Glenn
WB4UIV

1836. Mods for AOR 8000 ??????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: davef@radiozone.com
Message-ID: <N.020496.135654.03@ns.net>
Source record: 206060

Anybody have any info on this one yet?? Let me know!

Check out "The Zone", 100.5 in Sacramento. Cool alternative rock!
Hasta la vista, bayybee! 73 de N6MAI. CQ 6 meters de CM 98.

1837. Re: Alinco DJ-580 - Size of DC plug?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: Wally@moor.slip.uky.edu
Message-ID: <1958.6608T584T172@moor.slip.uky.edu>
Source record: 206061

On 02-Feb-96 19:06:08, John Maultsby articulated:

>I was wondering if anyone out there knew what size plug was meant to go in
>the DC-in jack on the Alinco DJ-580. Alinco tech support in California
>swears they have no clue what it is, which I find hard to believe. The guy I

As I do as well.. Perhaps your question wasn't clear, they've always been extremely informative for me.

>talked to acted as if there was no reason that anybody would ever WANT to
>know something like that. I believe I have the 1.3mm plug, but it cuts out
>when the cable gets moved in the slightest little bit. I'm not sure if my
>plug is too big, or if something on the inside of the radio has been bent.

1.3mm ID, 3.4 OD, length I'm unsure about.. I have two such plugs that I use from other things as they are fairly hard to find, and both work fine. I am quite careful with them, however, I have broken the centre pin of my DC jack before..

>If anyone could tell me what size was meant to go in there, I'd appreciate
>it. I'd rather buy the plug at Radio Shack than spend 10 bucks on Alinco's
>version of it.

Rat Shack calls this a Sony plug.. However, it's crap.. :) It's intended for their AC-DC power adaptors, which have two terminals coming off the bottom intended for plugging into their cord, rather than a normal arangement for soldering wires onto. Check other electronics stores perhaps.. Mouser electronics also carries this plug, however unless you're going to be buying other stuff their minimum order charge would be more than the plug itself.

>And I guess my next radio won't be an Alinco, if they don't even know even
>know the most basic things about their own radios...

I guess the janitor must have picked up the phone, because they have always been extremely helpful when I've called. I just wish they had a definate answer about what #120 and #127 do. :)

1838. Re: Connector Insertion Loss

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <823473612snz@microvst.demon.co.uk>
Source record: 206062

In article <4epsjs$bb9@hg.oro.net> rst-engr@oro.net "Jim Weir" writes:

> Only to say that the rest of your reply to this post isn't close to
> the truth and we'll talk about it in the newsgroup later.

Still waiting.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

1839. Revised Pages for Feb

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: asperges@innotts.co.uk
Message-ID: <31153178.6859498@news.innotts.co.uk>
Source record: 206063

I have revised and revamped:

http://www.innotts.co.uk/~asperges/

to include packet radio amongst other things. The pages have useful links and an enlarged Q and A page. There are useful links and a new IRC link to #HamRadio. Try the other pages too.

Thanks to all who have visited so far. I have replied to all e-mail received. It has been very encouraging,

Check it out!

73 de

Jeremy G4NJH
asperges@innotts.co.uk
[Homepages: http://www.innotts.co.uk/~asperges/]

1840. WANTED -- HEATHKIT CATALOGS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: Bill <debral@falcon.cc.ukans.edu>
Message-ID: <1996Feb4.163201.113254@kuhub.cc.ukans.edu>
Source record: 206064

Looking for Heathkit catalogs from 60s and 70s.

Bill

AA4FM / 0

1841. sb-200 Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: hrsil@flinet.com
Message-ID: <4f3fu5$ej@news.flinet.com>
Source record: 206065

I have been hearing about mods to the sb-200 amp for a while now but have not seen any posted or come across any in my searches. Does anyone know the whereabouts or extents of these mods? Would appreciate hearing from you.
--
Henry Silvia hrsil@flinet.com
{KE4WBW} WPB. FLA

1842. WTB: National NC 190, NC 155, NC 140 & NC 270

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: nwald@interaccess.com
Message-ID: <nwald-0402961736110001@d207.nb.interaccess.com>
Source record: 206066

I am looking for National shortwave receivers models NC 190, NC 155, NC
140 & NC 270.

If you have any of these models, please state price and condition.

Thank you and 73!

Norman Wald - WM9X
Chicago (312) 490-6622
nwald@interaccess.com
Norman Wald - WM9X
nwald@interaccess.com

1843. Any Kenwood TS-900 Owners??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: davie@primenet.com
Message-ID: <4f1sb1$k39@nnrp1.news.primenet.com>
Source record: 206067

Hi,

Need to discuss dial lighting - how your's works & why mine is soooo poor.

Thanks, Dave, WE6L

1844. solar battery chargers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: small@usa.pipeline.com
Message-ID: <4f2th1$i9e@news1.usa.pipeline.com>
Source record: 206068

I am planning a 3 week trip into the alaskan bush and would like to find out if anyone has any information on solar battery chargers to recharge gel cell batteries used for qrp operation. i need info on price, capabilities, portability, etc.

thanks very much.

73 stephen mallalieu, KB3CEK

1845. Looking For Batteries - Azden AZ-61 HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: linvillm@gordon-nsc1.army.mil
Message-ID: <247cc$c2d35.100@news.csra.net>
Source record: 206069

Looking for batteries or an after market vendor of batteries for the Azden AZ-61 6 meter HT. Need to buy three or four if anyone knows of a source. Please email me with info.

Mel Linville
WB4ZIT
linvillm@GORDON-NSC1.ARMY.MIL

1846. Re: HELP: Need info on two Motorola Radios

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb4.164325.16272@ke4zv.atl.ga.us>
Source record: 206070
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

In article <4f1hj5$81d@reader2.ix.netcom.com> ke6tgn@ix.netcom.com(Wanda M Desmond) writes:
>Both radios measure 8 3/8" x 3 1/2" x 2". One radio is marked with the
>model #S2046B. It is silver in color (aluminum), has a "parallel port"
>type connector and an antenna connector on one end. It has one circuit
>board inside the case.
>
>The second is black in color and has the same connectors on one end and
>what appears to be a large "telephone jack" on one side near the front
>(mike connection?). It has two circuit boards on the inside. It has the
>model #F19ZEA8442BG.
>
>I have the cables but I do not have the control heads. Are they
>available?
>
>What is the common name for these radios? Frequency ranges? Number of
>channels? Value? Etc.?

The common name for these radios is "cellular phones". The silver one is part of the Motorola "bagphone", the other is part of a car kit. Since providers will give you a cellular phone for signing up, you'd spend more for replacement handsets for these radios than they are worth. Salvage them for parts.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1847. Re: For Sale Postings, wrong?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb4.164959.16357@ke4zv.atl.ga.us>
Source record: 206071

In article <4f0gn0$n39@acme.freenet.columbus.oh.us> jyazel@freenet.columbus.oh.us (Jack Yazel) writes:
>W8JI Tom (w8jitom@aol.com) wrote:
>: There are getting to be a lot of for sale postings here. Isn't that the
>: wrong use for this group????????
>
>I also thought that this group is a for sale group (the title sounds that way
>to me.
>
>What is the correct use?

Rec.radio.swap is the group for buying, selling, and trading of
radio equipment. This group is for *discussion* of amateur
equipment. It's in the charter and the FAQ. Unfortunately,
few people seem to bother to read those anymore.

Web browser access to the newsgroups is an abomination. Death
of usenet imminent, film at 11.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1848. Re: Grounding problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb4.165635.16444@ke4zv.atl.ga.us>
Source record: 206072

In article <4f24kj$eck@newsbf02.news.aol.com> w8jitom@aol.com (W8JI Tom) writes:
>In article <4f1b2i$luv@news1.usa.pipeline.com>,
>rpmccoy@usa.pipeline.com(Richard P. McCoy) writes:
>>I agree. Thats what I am doing.
>>
>>Some people have this thing about a 'buss'. :-)
>>
>>Thanks for confirming.
>
>That's very true if the equipment is spread out all over the room or if
>there are low level video and audio lines involved. But it's a lot less
>worry with Ham type RF equipment grounds than critical audio and video BC
>systems where millivolts of AC hum (from ac power main loops) cause big
>headaches.
>
>Most Ham gear is close together and generally the only low level lead
>susceptable is the microphone lead. It isn't grounded anyway except at the
>rig. For Ham use, a wide buss along a desk or wall can be used and doesn't
>hurt a thing. It all depends on how much impedance you have between the
>points on the buss, and what the type of equipment is.
>
>Most of the worries are in volts of RF, not millivolts of power line
>ground loops.

The biggest concern is kiloamperes of lightning induced RF, and the
impedance differential between equipment "ground" terminations then
becomes *critical*. Ground loops are always *current* loops. Expressed
voltages are only a function of those currents expressed across an
impedance.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1849. Re: Power adjustment on the TS-440S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb4.170043.16549@ke4zv.atl.ga.us>
Source record: 206073

In article <4f0krb$kr2@news-f.iadfw.net> fladams@iadfw.net (Floyd Adams) writes:
>Adjusting the Mic Gain on the 440 will NOT adjust the power like other
>rigs.

Why not, Floyd? Output power is a function of modulation level for
a SSB transmitter. If it weren't, the radio would put out as much
power when you weren't talking as when you do.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1850. solar battery chargers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: small@usa.pipeline.com
Message-ID: <4f34mj$r2g@news1.usa.pipeline.com>
Source record: 206074

I am planning a 3 week trip into the alaskan bush and would like to find out if anyone has any information on solar battery chargers to recharge gel cell batteries used for qrp operation. i need info on price, capabilities, portability, etc.

thanks very much.

73 stephen mallalieu, KB3CEK

1851. Kenwood TS940sat

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: "Sergei A.Semeikin" <serge@force.orenburg.ru>
Message-ID: <AAHKG5nGn3@force.orenburg.ru>
Source record: 206075

Hi ALL,

I need any information you can give me on the TS940SAT HF Rig.
Is it a good radio ? (vs 950?)

Thanks in advance!

Take Care,

Serge

She want more...

1852. Re: UNIDEN MR 8100 (800MHz Unlock Code)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: Thomas Mitchell <thmitchell@delphi.com>
Message-ID: <hJIpBup.thmitchell@delphi.com>
Source record: 206076

Andy Brinkley <brinkley@ols.net> writes:

>If my memory serves me correctly, the unlock code was either ECPA or ECPA87

I seem to recall ECPA86 -- not 87.

1853. ic706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: Gary Allen <gallen@intnet.net>
Message-ID: <4f3f66$sgj@mercury.IntNet.net>
Source record: 206077

I have recently returned two IC706 xcvers to ICOM for the same basic problem. The vhf receive suddenly quit to nothing unless the xmitting station was within a few feet of it. Anyone else experiencing this type trouble?

1854. Tube Tester Info

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: Gary Allen <gallen@intnet.net>
Message-ID: <4f3fbu$sgj@mercury.IntNet.net>
Source record: 206078

Need copy of operating instruction manual for CONAR model 223 tube tester.

1855. Re: HELP: Need info on two Motorola Radios

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: REDLIGHT@NANDO.NET
Message-ID: <REDLIGHT-0402960910360001@grail1609.nando.net>
Source record: 206079
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

In article <4f1hj5$81d@reader2.ix.netcom.com>, ke6tgn@ix.netcom.com(Wanda
M Desmond) wrote:

> Both radios measure 8 3/8" x 3 1/2" x 2". One radio is marked with the
> model #S2046B. It is silver in color (aluminum), has a "parallel port"
> type connector and an antenna connector on one end. It has one circuit
> board inside the case.
>
> The second is black in color and has the same connectors on one end and
> what appears to be a large "telephone jack" on one side near the front
> (mike connection?). It has two circuit boards on the inside. It has the
> model #F19ZEA8442BG.
>
> I have the cables but I do not have the control heads. Are they
> available?
>
> What is the common name for these radios? Frequency ranges? Number of
> channels? Value? Etc.?
>
> Thanks for an help you can give!
>
> John B. Lawrence
> KE6TGN

These units are Motorola Cellular transceivers. The value would be about
$25.00 each since you do not have the handsets. Even if you find a handset
(which is extremely specific to each model number) they likely will display
"LOANER" since the esn's will not match.

Mike

--
Mike - Raleigh, NC USA

Opinions expressed herein are my own and do not in any way
represent those of my employer.

1856. ACC Shackmaster SM-100 HF/VHF/etc Controller

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9602042232.AA29568@shelob>
Source record: 206080

I have an ACC shackmaster SM-100 in mint condition,
with the latest Version Software before ACC(Advanced
Computer Controls.
Did ACC sell the rights to contoller to anyone, it is
a great HF to link controller interface which I used for
my Icom 751.
Now I have the Icom 706, and it would be great if the
Shackmaster 100 could contol this. Anyone out there know
if this is possible!!
If someone has taken over the Shackmaster SM-100 from ACC,
I would be happy to find out if I can get the SM-100 to control
it.
Anyone know of any telephone line to controller interface that
would remote contol the IC-706 would be appreciated. Would like
to use it via the SCOM 7K autopatch repeater controller.
73
Mike
WB6DJI

1857. (none)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: /PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/@safe.ia.GOV
Message-ID: <199602041644.KAA14910@outpost.safe.ia.gov>
Source record: 206081

```
>From /PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/ Sun Feb 4 10:51:41 CST
1996 remote from osiint.safe.ia.gov
Date: 04 Feb 1996 10:44:35 -0600
X400-Trace: US*ATTMAIL*IADPS
arrival 04 Feb 1996 10:44:35 -0600
action Relayed
From: /PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/@osiint.safe.ia.gov
To: "/RFC-822=Ham-Equip(a)UCSD.EDU/OU=OSI-INTERNET/O=WALLACE/PRMD=IADPS/ADMD=ATTMAIL/C=US/
"@osiint.safe.ia.gov
In-Reply-To: <"\"/RFC-822=199602041230.EAA06767(a)mail.ucsd.edu/OU=OSI-INTERNET/O=WALLACE/
PRMD=IADPS/ADMD=ATTMAIL/C=US/\""@osiint.safe.ia.gov>
Subject: Re: Ham-Equip Digest V96 670
Importance: normal
Autoforwarded: FALSE
Message-Id: <werl0204104322aa*/PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/@
osiint.safe.ia.gov>
P1-Message-Id: US*ATTMAIL*IADPS;IDPS3550 werl0204104322aa
UA-Content-Id: werl0204104322aa
P1-Content-Type: P2
Priority: normal
Received: from osiint.safe.ia.gov by iadpshub.safe.ia.gov; Sun, 4 Feb 1996 10:51 CST
Content-Type: text
Content-Length: 690

> From: John Wilcox/NS1Z <ns1z@agate.net>
> Subject: Power/volume knob on PCS-4000
>
> Hey, I dropped my Azden PCS-4000 on the floor of the shack. It still
> transmits and receives well but a little problem: the volume/power switch
> John Wilcox / NS1Z
> INTERNET :204.117.6.48
> ns1z@agate.net

Hi John es all, I have a 4000, but a different problem. Radio
works well but the receive audio sounds like it is off freq. Seems to work
pretty well on packet. On 2m the audio is very low. Plus it's audio is
nearly unreadable.

Anyone else have this problem? Any fixes?

Scott
N0XZY @ WA0RJT.#EIA.IA.USA.NOAM
werling@safe.ia.gov
```

1858. ECG Semiconductors INSTANT CROSS Master Guide

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: evincent@mediom.qc.ca
Message-ID: <4f1np1$efg@news.bellglobal.com>
Source record: 206082

I have the ECG Semiconductors catalog (Master Replacement Guide) for
Industrial, Commercial and Entertainment and I'm realy interested to get
the software of this guide: (ECG Semiconductors INSTANT CROSS Master
Guide).
The disk price is 9.95$Can. and I don't want to pay for that.
Please help me to find this software on the www.
Thank's!!!
Eric Vincent VE2-VXT
evincent@mediom.qc.ca

1859. Re: Kenwood DSP-100 Users Feedback

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: subbustr@whidbey.net
Message-ID: <4f17um$2t1@whidbey.whidbey.com>
Source record: 206121

Got one on my TS-850SAT. Gud reports+10 db or better!
$295 NEW at AES!!! My advice, get one!!!!

de VE7-LFA/W7 subbustr@whidbey.net

1860. Kenwood 733A poor intermod?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: comptnce@airmail.net
Message-ID: <3114064a.298006117@news.airmail.net>
Source record: 206122
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I'm thinking of buying a Kenwood 733A dualbander, but I'm hearing that its intermod rejection is poor. If true, that could be a problem in the Dallas area. Any comments? I'm also considering the Icom 2350 or 2700. Please reply via email. Thanks.

Jim Long, K5QPT
comptnce@airmail.net

1861. Re: User thoughts on ICOM IC-2350H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: dddavis@atl.mindspring.com
Message-ID: <4f31fg$123u@stealth.mindspring.com>
Source record: 206123

Neil Gjere <ngjere@skypoint.com> wrote:
(re: IC-2350H)
>Saw this at my local Ham store... Looked interesting, and the price was
>within my range...

>Interested in user comments on this rig.

It seems to perform well for me, and the features are right. My only complaint is that the optional speech board (for frequency read-back) is not an option for the 2350H. (It was on the 2340H). This feature is very handy when remotely controlling the rig via DTMF tomes. I can't imagine that very much was saved in the cost by its elimination, since it was an option board anyway. Also, their full page ads in QST and other places list this option incorrectly as being available.

1862. R390A DELUXE SHORTWAVE RECEIVER $300

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: flanders@znet.groupz.net
Message-ID: <4f378h$4ph@news1.sunbelt.net>
Source record: 206124
Cross-posted to: rec.radio.amateur.equipment,ga.for.sale,us.sc.columbia.forsale,rec.radio.shortwave

Excellent short wave receiver for SWL or Ham radio.

Many think this R-390A/URR is the best SWL receiver ever made. This one is a late model (one of the last production runs), made by EAC. It is big, heavy, uses tubes. Quality look, feel, and performance. 110 or 220 VAC. Even has ovens for oscillator stability.

Has 6 IF selectivity filters (0.1, 1, 2, 4, 8 and 16 KHz).

Also 2 audio filter positions (Wide and Narrow).

2 meters (Line Level, Carrier Level).

Total of 17 knobs (Line Meter sw, Line Gain ctl, Ant Trim ctl, AGC sw, Limiter ctl, Audio Response sw, Break-In sw, Bandwidth sw, BFO Pitch ctl, Function sw, BFO sw, Dial Lock ctl, Zero Adj ctl, Local Gain ctl, RF Gain ctl, Megacycle Change ctl, Kilocycle Change ctl)

Rack mount style (no cabinet, but has all covers). 19 in wide, 10.5 high, about 15 deep.

No speaker. No manual (Fair radio sales has manual).

It is unusually clean, near-new appearance. I can furnish photos with SASE - ask.

$300 plus UPS if shipped.

Jerry Flanders W4UKU flanders@groupz.net
1767 Gregory Lake Road
North Augusta, SC 29841

1863. WTB Kenwood KNB-2 batteries

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: fmiller@airmail.net
Message-ID: <4f1eho$cp4@news-f.iadfw.net>
Source record: 206125

I would like to buy some used or dead Kenwood KNB-2 batteries that fit Kenwood TK200 radios. Please e-mail prices.

fmiller@airmail.net

1864. Re: FT-51R Extended RX Ra

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: source@netcom.com
Message-ID: <sourceDM9vol.IMD@netcom.com>
Source record: 206126

In article <8B9B4B3.01A60008A0.uuout@grinder.com>,
DARRYL LINKOW <darryl.linkow@grinder.com> wrote:
>
>Wrong! The FT-51R has EEPROM for storing the memories, and does
>not require ANY battery power.
> 73, Darryl KE6IHA

Then please explain why it has one. I am refering to the internal lithium
battery, labled BT1001 on the schematic that came with the radio, Yaesu
P/N Q9000637. I can't figure out what they are doing with it. But
Yaesu's note, that it doesn't need to be replaced "for several years"
(FT-51R Technical Supplement pg.2-3) is NOT very comforting.

1865. Re: Indicator bulbs on Dentron amplifier

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: billn@PEAK.ORG
Message-ID: <4f1idu$3d5@odo.PEAK.ORG>
Source record: 206127

Larry Weaver (elw@rain.org) wrote:
: Does anyone know of a source for the #333, 12 volt, red and green bulbs used on
: the Dentron amplifier to indicate power on and ready?

I would suggest going to your local public library or university library,
and looking in Thomas Register. A good place to start would be under the
product title of "Indicator lamps" or "Lamps".

Bill

1866. HELP: Need info on two Motorola Radios

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: ke6tgn@ix.netcom.com
Message-ID: <4f1hj5$81d@reader2.ix.netcom.com>
Source record: 206128
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

Both radios measure 8 3/8" x 3 1/2" x 2". One radio is marked with the model #S2046B. It is silver in color (aluminum), has a "parallel port" type connector and an antenna connector on one end. It has one circuit board inside the case.

The second is black in color and has the same connectors on one end and what appears to be a large "telephone jack" on one side near the front (mike connection?). It has two circuit boards on the inside. It has the model #F19ZEA8442BG.

I have the cables but I do not have the control heads. Are they available?

What is the common name for these radios? Frequency ranges? Number of channels? Value? Etc.?

Thanks for an help you can give!

John B. Lawrence
KE6TGN

1867. TM733A Mod Discrepency? Anyone do it?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: gcortevi@ix.netcom.com
Message-ID: <4f3027$bkc@cloner2.ix.netcom.com>
Source record: 206129

I was about to do the extended RF mod for my Kenwood TM-733A when I noticed a couple discrepencies and had some second thoughts. Following my message text is the relevant portion of the mod file I found on the Jan 1996 QRZ CD-Rom.

According to the mod, the resistor that needs to be pulled is just to the right of a chip labelled XRU-4066BF. In my radio, the chip is labelled BU-4066BCF. Just below that number is another: 405 110. The numbers are similar and I don't see any other place on the radio even remotely close to the one described in the mod. But before I go an ruin a $600 radio, I thought I'd ask if anybody has done this mod and what their experience with it was. Perhaps the radio's design was changed since the file was written?

Also, what is the best way to remove B0? Solder secures is on both sides. However desoldering it has the potential of melting the board. Yanking it out with pliers has the potential of pulling traces out of the board. Any suggestions?

My main interest is in the UHF extended receive. It picks up a good chunk of the military aircraft band. That's something my scanner doesn't do.

Here's the relevant portion of the mod file:

---snip---snip---snip---
Modifications, Undocumented Features, and Bugs for the Kenwood TM-733A.
Release 2.1 Updated March 1, 1995

Extended RF Modifications

Refer to diagram below. (Inserted into Release 2.0)

Remove power source from the radio.

Remove the display panel.

Remove the top cover the radio.

Face the front of the radio away from you.

Remove the speaker.

Looking from the back of the radio, the control board is vertically mounted just behind the front panel wall (which can be removed easily

if better access is needed.)

Just to the right of a chip labeled XRU4066BCF and just to the left of
two green wires (B2 & B3 which are draped over the board to the rear)
are
two zero-ohm SMT resistors, B0 and B1, marked "000".

Remove B0. (the one on the left - furthest from the green wires)

Taking it out might be a bit tricky. It's glued down for
surface-mount
assembly. Be careful not to pull the trace from the board.

Perform a CPU reset by holding [MR] while turning on the radio.
It will then ask if it is "OK?" to reset, press [MR] again.

The ranges after modification are as follows:

Tx: 136-174 410-470
Rx: 118-174 300-470

The cellular band is indeed missing.
If the mod is done correctly, it'll play a little song for you. (r2.1)

ONLY Removing Jumper 1 (B2) is the MARS/CAP modification.

** Diagram of specified area on Control Board **

EDGE OF BOARD, viewed from the rear, looking toward front panel

Green jumper wires (B2, B3)

The jumpers are actually soldered on the other side of the board,
but the loops come up over the top and hang over the B0/B1 side.

B0=R414
B1=R412

Here's something interesting! According the Kenwood rep I spoke to,
performing this mod *does not* void your factory warranty. The same
goes for any Kenwood published service bulletin or modification info.
We are encouraged to perform the repairs ourselves to save them the

trouble and expence.

---snip---snip---snip---

Greg Corteville - KB8WFV
Internet: gcortevi@nyx10.cs.du.edu
SysOp Horizons BBS: (810) 879-7928

1868. Re: LOOKING FOR ADVICE ON CHOOSING A SERVICE MONITOR.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4f30gf$912@news.ccit.arizona.edu>
Source record: 206130

rst-engr@oro.net (Jim Weir) writes:
>>But what the heck to chose?
>You'll get my IFR 1200S when you pry it from my cold, dead fingers.
>Best piece of test gear I've ever owned, including the HP and Tek
>stuff on the bench right now.
>Dunno current market for a used one. $3-4K maybe?
>Jim Weir VP Engineering | You bet your sweet patootie I speak
>RST Engineering | for the company. I OWN the cotton-
>Grass Valley CA 95945 | pickin' company.
>voice/fax 916/272-1432 | AR Adv. WB6BHI Cessna 182A N73CQ
>rst-engr@oro.net | Comm'l Pilot & CFI Airplane/Glider A&P Mechanic

Now that's a Testimonial! Thanks for the opinion.
Chris, N7RME

1869. Re: GE Master II ICOMS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: glittle@awod.com
Message-ID: <4f2gm3$dig@harbour.awod.com>
Source record: 206131

In article <237cc$9b3a.310@news.csra.net>, garyborb@csra.net (Gary Borba) says:
>
>At a recent Hamfest was able to pick up about 15 GE Master II low band
>radios and 5 Motorola Low Band units. We are first working to convert
>the Master II's first. Question we have is in regards to the
>temperature controlled crystal units (ICOMS). Does anyone have any
>experience in constructing the ICOMS or know of a source for the ICOMS
>so the units could be used on 6 Meters. Would appreciate any
>information!
>
>73 de Gary, KR4XC
>

ICOMS (A GE term Intergrated Crystal Oscillator Module) and Channel
Elements are available from a number of sources.
Check with Wolf Communications in Billings, Montana.

International Crystal will sell you a channel element on your desired
channel.

73
Glenn
WB4UIV

1870. Re: For Sale Postings, wrong?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: cmoore@vegas.ch.intel.com
Message-ID: <4f30uf$v0o@chnews.ch.intel.com>
Source record: 206132

In article <4f0gn0$n39@acme.freenet.columbus.oh.us>,
Jack Yazel <jyazel@freenet.columbus.oh.us> wrote:

>I also thought that this group is a for sale group (the title sounds that way
>to me. What is the correct use?

It's all spelled out in the rec.radio.amateur.* FAQ. An obvious clue
is there were no for sale postings in this group. The correct for sale
group is rec.radio.swap

73, Cecil, KG7BK, OOTC (not speaking for my employer)

1871. WANTED 440 Radio Please

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: n9mxt1@aol.com
Message-ID: <4f1l8k$a0m@newsbf02.news.aol.com>
Source record: 206133

Hello,
I am going to be running a DX/CLUSTER Node... and currently I have 1 VHF 2M radio and a dual band mobile 2M/70cm. Well, the problem I have is I don't want to use the dual band for the node cause it will take over one end of the band and so, the other band will just be a waist cause I can't transmitt on 2 bands at once.. So, I am needing a CHEAP... I MEAN CHEAP 440 radio could be 1 channel programmable or CRSYTAL I don't care...the only care I have is I need it programmed for 430.0500 MHz or crsytalized at 430.0500 and at least 10watts.

Anyone have a 440 radio that can will go to 430.0500?? Also, need the wiring diagram for the mic so that I can wire my TNC to it!

Looking into spending only about $100 - 150

Let me know if you have anything.... Thanks N9MXT1 - Jeffrey
N9MXT - Jeffrey

1872. YAESU FT-101 USER's GROUP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: Bill <debral@falcon.cc.ukans.edu>
Message-ID: <1996Feb4.163528.113255@kuhub.cc.ukans.edu>
Source record: 206134

Would like to correspond with other FT-101 users.

Particularly interested in calibration/maintenance discussion.

73,

Bill

AA4FM / 0

1873. RE: Did QST Review the Ten Tec Scount 555?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: stevemarshall@msn.com
Message-ID: <00001fed+00002bfe@msn.com>
Source record: 206135

Yup, both QST and CQ did reviews, I will look for them and let you know. BUY a Scout..you will be glad you did. Wonderful image-free, clear receiver (sounds as good as a Lowe 225 swl receiver, which beats IC71A and R5000). Modules easy to change. Get the optional Noise Blanker (it really works!). Keying is crisp and clear, the QSK of TenTec is legendary of course. Not much better a rig, for about $700 with Blanker, Microphone. Plenty of audio from good internal speaker. I use it backpacking and mobile and it is rugged and tough. It fell out of my pack onto rocks and merely dented the case, fired right up. See if you can find a ham in your club who has one, play with it, listen to that amazing receiver. 50watts output does as well as 100watts, as you know. I like mine so much, I am gonna get another one. I've had it 2and a half years now, bought it at Dayton and will get another there this May. Enjoy it! Cant beat it for the money, and it beats my FT900 in many ways. 73 de N1FSK

1874. SWAP Rockman Mini-Amp for Hickok 752 or TV-2 Tube Tester - rock.tub [1/1]

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: l.mclaughlin@popmail.csuohio.edu
Message-ID: <4f10lc$hf3@csu-b.csuohio.edu>
Source record: 206136

Swap Tom Scholz Rockman mini-earphone amp for Hickok 752 tube tester. Will also consider military TV-2 like the Canadian military TV-2 that one can dial-in all the tube's specs.

Rockman has the following features. Has five controls, two inputs (aux. stereo & mono) and two earphone outputs for you and a friend or to hi-fi system.

Control #1 = Normal, echo off, chorus off
Control #2 = Distortion, Edge, Clean 1, Clean 2
Control #3 = Volume, Max, -5 db, -10 db
Control #4 = Gain, max to min.
Control #5 = On, Off with pilot light

The unit really sounds great and you kinda feel like you are on stage with your amp cranked, but you don't aggravate loved ones in the house or neighbors who do not appreciate what a fine instrumentalist you truly are. The unit is in its original box. It uses 8 AA batteries.

If interested in swapping kindly email me. Thanks.

1875. Re: Grounding problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: rpmccoy@usa.pipeline.com
Message-ID: <4f1b2i$luv@news1.usa.pipeline.com>
Source record: 206137

On Feb 03, 1996 22:27:14 in article <Re: Grounding problem>,
'gary@ke4zv.atl.ga.us (Gary Coffman)' wrote:

>Don't use buss grounds, you're asking for ground loops. Single
>point connect to it.

I agree. Thats what I am doing.

Some people have this thing about a 'buss'. :-)

Thanks for confirming.

Dick, N4UN

1876. Need info about Russian military station R173

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: reine.johnsson@mailbox.swipnet.se
Message-ID: <4f0tp8$dj9@mn5.swip.net>
Source record: 206138

Need schematic diagram on russian radio station R173
Is there anyone that knows anything about that radio station please let
me know about it
Please answer on email reine.johnsson@mailbox.swipnet.se

1877. FS: Swan 500 w AC supply, mint cond

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: dasarno@aol.com
Message-ID: <4f1et4$7iq@newsbf02.news.aol.com>
Source record: 206139

Am finally upgrading to new equipment, so have mint condition Swan 500 with separate AC supply. This rig works great. Works well all bands.

Needs good home...this 500 watter HF transceiver has many years left in it. Must sell to best offer by Feb 15th as have bought new Yaesu rig.

1878. PC interferes with TV

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: PDelpriore@gnn.com
Message-ID: <4f2ikb$vo@news-e2a.gnn.com>
Source record: 206140

When I use my computer, if someone else is watching TV using off air antenna annoying interference is present on TV, mostly channels 2,4,5.
I don't believe due to ac line path since no interference when watching tape from VCR or if watching TV from satellite Dish, whose signal is in the gigahertz range. In addition a portable TV running from my car battery in the garage also shows the same interference. Downlead from off air antenna is coax with antenna on roof three floors up so interference not picked up by downlead.

Many thanks for any help with this problem.

Paul

1879. *** WANTED / J-38 Key ***

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: bhopkins@polarnet.com
Message-ID: <247cc$1dc.1ca@PolarNet>
Source record: 206141

Hi Gang,

I am looking for an original J-38 key... Anyone out there with a
nice one for sale please respond to my e-mail address...

Thanks - 73 - Bruce

Bruce Hopkins - KL7JAF
bhopkins@polarnet.com
kl7jaf@kl7gng.#nak.ak.usa.noam

1880. FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: "Steve J. Kanavos" <skanavos@compulink.gr>
Message-ID: <311510CE.C5C@compulink.gr>
Source record: 206142

DOES ANYONE OUT THERE HAVE ANY INFO ON THE YAESU FT-51R. I AM
INTERESTED IN BUYING ONE AND WOULD LIKE TO KNOW OF OWNER IMPRESSIONS.

1881. Re: QSK Cookoff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb4.161313.16015@ke4zv.atl.ga.us>
Source record: 206143

In article <4etmu6$dhv@safety.ics.uci.edu> turner@safety.ics.uci.edu (Clark Savage Turner) writes:
>>In article <DM3Lzv.A4z@iglou.com>, n4lq@iglou.com (Steve Ellington)
>>writes:
>>>Last night we ran a QSK cookoff to determin which of three transceivers
>>>has the fastest QSK. The rigs were:
>>>Kenwood TS-940S
>>>TenTec Triton IV 540
>>>Icom IC-706
>
>Interesting. Why choose a 1978 vintage Ten Tec against a
>1992 vintage Kenwood and a 1996 vintage Icom? This is a nearly
>20 year difference in technology.

And QSK CW is new technology? :-)

He probably used what was at hand.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1882. Re: Grounding problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4f24kj$eck@newsbf02.news.aol.com>
Source record: 206144

In article <4f1b2i$luv@news1.usa.pipeline.com>,
rpmccoy@usa.pipeline.com(Richard P. McCoy) writes:

>
>I agree. Thats what I am doing.
>
>Some people have this thing about a 'buss'. :-)
>
>Thanks for confirming.
>
>Dick, N4UN

That's very true if the equipment is spread out all over the room or if there are low level video and audio lines involved. But it's a lot less worry with Ham type RF equipment grounds than critical audio and video BC systems where millivolts of AC hum (from ac power main loops) cause big headaches.

Most Ham gear is close together and generally the only low level lead susceptable is the microphone lead. It isn't grounded anyway except at the rig. For Ham use, a wide buss along a desk or wall can be used and doesn't hurt a thing. It all depends on how much impedance you have between the points on the buss, and what the type of equipment is.

Most of the worries are in volts of RF, not millivolts of power line ground loops.

73 Tom

1883. Re: 82 Repeater in Kansas City

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <4f40k5$1q9@anomaly.ideamation.com>
Source record: 206145
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc

In <dbaker.85.000A5CBA@mail.bcpl.lib.md.us>
dbaker@mail.bcpl.lib.md.us (Donald I. Baker) writes:

>Technical solutions do exist. Using a "TX-ID" board, which uniquely
>fingerprints each transmitter and a PC one can "slectively" include or
>preclude individual users.
>
>The board was not meant for that purpose, but with just a little Basic of C
>codes, it workd just fine. It is especially easy if you have a single or
>limited number of receive site.

I too can attest to the helpfulness of the TX-ID system. Coupled with our
Doppler Systems DF gear, the TX-ID has allowed us to bag several Drew-like
scumbags here in the RI area who have no appreciation for Part 97.

MD
--
--
-- "Who needs looks when you've got taste?"
--

1884. Help A Ne Ham!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: Ryan Workman <workman@algorithms.com>
Message-ID: <3114EF26.4499@algorithms.com>
Source record: 206146

To All:

Here is my situation:

I recently upgraded to Tech Plus and bought an HF Rig. Kenwood
Ts-450/AT. I constructed a 10 meter dipole. The dipole is reasonant at
28.400. But, the band seems to be flat. Is it really that dead or could
I have done something wrong???? I also have a R7 I will be installing
when the weather breaks.

Any Suggestions?? Please let me know!

73,
Ryan, KB2OOP
Email: Workman@Algorithms.Com or Ryan.Workman@Jemsoft.Com

1885. Need manual for RCA TAC radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: morris@grian.cps.altadena.ca.us
Message-ID: <1996Feb4.095747.13367@grian.cps.altadena.ca.us>
Source record: 206147

Specifically an RCA MCA39CA11C ? The local RACES group had a couple of these
beasts donated and wants to put one in their emergency response van
for four or five hiband channels from 154.92-155.475, including
Search & Rescue on 155.16......
One of the members knew that I have a Micor in my car, and a couple
of Motrac bases at the house (all on amateur service), and I was
asked to help. Seems like it'll be a simple case of installing
the crystals in the channel elements and tuning.
This is my first attempt at at this series RCA radio, hence my request
for any a manual, plus any advice .... Are there any "gotcha"s I should
be aware of?

--

Mike Morris morris@grian.cps.altadena.ca.us
#include <disclaimer.std.h> I have others, but this works the best.
This message assembled from 100% recycled electrons (and pixels).

1886. Internet QSO&#65533;s

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: Fernando Robalo <frobalo@telepac.pt>
Message-ID: <31152281.58FF@telepac.pt>
Source record: 206148

Hi

Why not to try to make qsoï¿½s by Internet, just need a soundcard
and the latest version of Interphone (get the last on the
http:\\www.vocaltec.com).
Iï¿½ll be there in stand by

73ï¿½s

Fernando Robalo
CT1FNO

1887. Re: Internet QSO&#65533;s

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: Fernando Robalo <frobalo@telepac.pt>
Message-ID: <311523E4.7180@telepac.pt>
Source record: 206149

Sorry

it Happens some times its
http://www.vocaltec.com

73i¿½s
CT1FNO

1888. Re: Shopping in NY/NJ area

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: Johnny Donovan WABC-NY <ru@i-2000.com>
Message-ID: <3114D7EB.6DB9@i-2000.com>
Source record: 206150

Markus Baertschi <markus@sp071.cern.ch> wrote:
> I'll be visiting Summit (NJ) in two weeks from Europe and am
> looking for advice to find good HAM shops. I'll be looking for
> a small TNC (Kantronics TNC-3) and various other stuff. It's
> an awful lot cheaper then at home !

Try here ..

http://picspc01.pics.com/gilfer/

1889. Re: IMD resistant rigs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb4.155213.15707@ke4zv.atl.ga.us>
Source record: 206151

In article <4ekmtc$ra2@maw.montana.com> dandrox@montana.com (Dave and Rox) writes:
>In article <4ec8mu$9rd@dobie.loop.com>, eugene@ loop.com says:
>>
>>> daniel@pandora.lugs.po.my (Daniel Wee, 9V1ZV) writes:
>>> Can anyone recommend a good IMD resistant rig for 2M (and
>>> possibly dual bander with 70cm) I noticed that Kenwood rigs
>>> are particularly bad. Is this a valid observation? How do
>>> other makes compare? Thanks.
>
> Wideband is not the only issue. The problem rests in that hams
>accepted the "you can't have your cake and eat it too" explanation. You
>can. To over simplify this; the problem is usually solved by building a
>reciever front end that is tuned by the microprossecer as the frequeny is
>changed. This adds to the expense of the radio, a important issue in the
>amateur market.

Track tuning is not an unalloyed blessing. Strong signals can shift
the bias points of the tuning varactors, effectively AM modulating
your signal passband, not a Good Thing (tm). Hard switched bandpass
filters are a bit better, though they don't help against strong
in-band signals. Best is to make the first RF amplifier and the
first mixer stout enough to resist intermodulation. That generally
requires high standing currents and a high level LO, both of which
eat batteries at a great rate, which is why HTs rarely take this
course. Works good in mobile and base rigs where limited power
isn't a concern, however.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1890. Re: IC706 RELAY

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb4.155846.15800@ke4zv.atl.ga.us>
Source record: 206152

In article n4lq@iglou.com (Steve Ellington) writes:
>Has anyone taken a look at the relay. I want a quiter, faster one. How
>many poles, coil voltage and size? It looks like it may be hard to access.

Oh, I forgot. The antenna relay is SPDT with a 12 volt coil.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1891. Re: Phone Patch?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb4.160754.15915@ke4zv.atl.ga.us>
Source record: 206153

In article <tgunn-0202960730120001@dyn2-083.cc.umanitoba.ca> tgunn@access.mbnet.mb.ca (Tyler Gunn) writes:
>Hello all, I'd like to set up a personal phone patch on my phone line so I
>make calls whereever I am in my city with a handi-talki. I'd like to know
>if anyone out here has something like this set up. Plus I'd like to be
>able to be notified over the air with a pre-recorded message, tone, or
>something that I have an incoming call. Something like that. If anyone
>is running a setup like this, please email me directly and tell me what
>equip you're running and about how much it cost. I'd like to set
>something up, but I haven't actually but any equipment as of yet since I
>just got my advanced certificate a little while ago.

What you want is called a simpatch. Connect Systems makes one. Be careful, however, to check your rules about using this. In the US, its use is auxillary operation and must be done above 222 MHz. It can't be used under automatic control here, so you have to be in control of it at all times. That means it can't send you telemetry about incoming calls unless you command it to do so, and remain at a control point while it does/can, IE you have to disable telemetry any time you leave a control point. Since that's just good practice anyway, it's not a disabling limitation.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1892. Re: GMRS equipment?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-04 00:00:00 UTC
From: bobw@col.hp.com
Message-ID: <4f2noa$t8j@nonews.col.hp.com>
Source record: 206154

Kevin Rogers (krogers@teleport.com) wrote:
: am looking for a GMRS mobile unit (25 watts) and handheld units (2 or
: more watts) here in the Portland,OR area. i am not having any luck finding
: ANYONE who knows what i am talking about. can anyone here tell me where i
: could find such equipment and maybe some average price info?
: thank you very much for any information.
: kevin

You might try Communications Electronics Inc at 1-800-USA-SCAN
They carry some Maxon and Uniden radios for GMRS.

Another choice is to hook up with a Motorola dealer and inquire
about their "Radius" line of 2-way gear. Generally, you need to know
a bit more about what you need when talking to a 2-way dealer.

Another source of information is the Personal Radio Steering Group. A reader
said they have lots of good information and are enthusiastic about GMRS.
Personal Radio Steering Group
PO Box 2851
Ann Arbor MI 48016
Phone: (313) MOBILE 3
BBS: (313) 995-2100
Compuserve: 73016.163

Bob Witte / bobw@col.hp.com / HP / EMD / (719) 590-3230 / KB0CY / 7J1AUE

1893. Re: Power adjustment on the TS-440S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: fladams@iadfw.net
Message-ID: <4f4vag$fi5@news-f.iadfw.net>
Source record: 206005

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>In article <4f0krb$kr2@news-f.iadfw.net> fladams@iadfw.net (Floyd Adams) writes:
>>Adjusting the Mic Gain on the 440 will NOT adjust the power like other
>>rigs.

>Why not, Floyd? Output power is a function of modulation level for
>a SSB transmitter. If it weren't, the radio would put out as much
>power when you weren't talking as when you do.

>Gary
>--
>Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
>Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
>534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
>Lawrenceville, GA 30244 | |

Hi Gary,

We had this discussion a while back here in one of the amateur newsgroups. The MIC Carrier works only in the AM, FM and CW modes. In SSB it does nothing. The MIC Gain control will reduce the transmitted audio level to the point that you cannot be heard, but it does not reduce the power out. Power will reduce, because there is little or no audio transmitted. The guy that gave me the mod I listed used it to work QRP. He said that someone at Kenwood told him that it was the only way to reduce the level. The TS-450, which replaced the TS-440, has a PWR Control that does reduce the power out. I guess Kenwood realized that they forgot to allow an operator to do what the FCC requires, use the least amount of power to make your communication path reliable. Although I have not made the mod he told me about, it looks like it should work, since the radio will respond to the ALC feedback it receives from an amp. I hope that helps explain it a bit.

73's

Floyd WD5ENJ

1894. Re: WTB: Yaesu FEX-767-6 Module

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: thomasm910@aol.com
Message-ID: <4f52i6$cfq@newsbf02.news.aol.com>
Source record: 206006
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

I also am looking for the six meter plug in, as well as the 430 and 440 units.

Great rig ain't it?

Tom Miller, Mpls., MN
Amateur Radio Station AA0UU

1895. Wanted: Info on ASI Satellite Controlled Clock

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: kbanke@qualcomm.com
Message-ID: <kbanke-0502960701050001@kbanke-mac.qualcomm.com>
Source record: 206007

At a flea market I picked up a Satellite Controlled Clock model1026B made by Arbiter Sysytems Inc. I'm looking for any general info on this unit as I'd like to fire it up if practical. The front end appears to be tuned for the 470 MHz range so I'm wondering if it really uses a satellite in this range or if it uses a down converter at the antennna. Any info would be greatly appreciated.
- Kerry N6IZW -

1896. Re: Indicator bulbs on Dentron amplifier

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: Zack Lau <zlau@arrl.org>
Message-ID: <31168696.5F5A@arrl.org>
Source record: 206008

Larry Weaver wrote:
>
> Does anyone know of a source for the #333, 12 volt, red and green bulbs used on
> the Dentron amplifier to indicate power on and ready?

This is a rather exotic lamp--Newark Electonics sells a
package of 5 of them for $13.99. Incidentally, they are
actually 28 volt, 40 mA designs.

Zack KH6CP/1

1897. Re: solar battery chargers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: rayc@tcd.net
Message-ID: <N.020596.153223.59@tcd.net>
Source record: 206009

Give Jim Stevens at Antennas West (801-373-8425) a call. He puts such kits together and has a nifty small catlalog that also has lots of portable antennas in it. I am not affiliated with Antennas West but have done business with them over the last 8 yrs or so.

Ray D. Congdon N7HQK
ISA-USA
5515 N. 4400 W.
Cedar City, Utah 84720

1898. Re: Power adjustment on the TS-440S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: turner@safety.ics.uci.edu
Message-ID: <4f6j4i$3hv@safety.ics.uci.edu>
Source record: 206010

In <1996Feb5.162740.20685@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>in the next you say it will. The audio level controls output power
>*completely* in SSB mode. The mike gain pot may not be *labeled*
>POWER OUT, but it has exactly the same effect. You can think of the

Technically true. However, in practical situations using the MIC gain control to control power is troublesome. So maybe this is a different problem. I know that on my 440 it is next to impossible to get it down to a reliable 5 watts PEP output using the MIC gain, since any movement in the area of the mike itself will change the PEP output substantially. There is no setting where I can just sit back and ragchew - counting on about 5 watts PEP output. It will vary from 2 watts to 25 watts or more. Now, by using the audio processor I can get it a little closer, since the audio level is held more steady. By using ALC control, I get much closer to what I want...which is the way other transceivers do it? Does anyone know? Is the audio circuit in the 440 just unstable because the MIC gain is not a reliable, steady power control?

Clark
WA3JPG

1899. Re: NIR 10 upgrade

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: Jim O'Connell <jimw9wu@ix.netcom.com>
Message-ID: <311665BB.1484@ix.netcom.com>
Source record: 206011

Bruce Goldstein wrote:
>
> I upgraded to version 4 and am quite satisfied. (But I do wish for the
> NIR-12 as my next goal!).
>
> I find the upgrade easier to use. My only wish is that the upgrade would
> come with a completely rewritten instruction book. (I have one of the
> original NIR 10s and I have upgraded the chips previously and so the book
> is basically useless due to all the changes!
>
> - WA3AFS Bruce

Bruce: Call JPS and ask for a new manual...they'll send one at no charge.
73, Jim W9WU

1900. Re: 'Cubic Communications' MMBX ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <DMBEnB.IJ7@iglou.com>
Source record: 206012

I have the older Swan version. Its just some capacitors you can switch in
to help match a mobile hf antenna.

RICKCRIDER (rickcrider@aol.com) wrote:
: In a box lot of 'stuff' I bought at a silent key estate auction I've found
: an odd little switch box. Approx. 3"x2"x2.5", black, with an SO239
: chassis mount connection on the two sides, one marked transmitter, the
: other marked antenna. The rotating switch selections are marked 'A'
: (High) through 'G' (Low). (Seven positions) Name and logo on unit
: indicates 'Cubic Communications' with "MMBX" in large letters. Obviously
: not an antenna selector. Anyone have one of these or know what it is?
: Thanks in advance. 73
: Rick Crider
: KD4FXA
: Monroe NC

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

1901. Re: Power adjustment on the TS-440S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb5.162740.20685@ke4zv.atl.ga.us>
Source record: 206013

In article <4f4vag$fi5@news-f.iadfw.net> fladams@iadfw.net (Floyd Adams) writes:
>gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>
>>In article <4f0krb$kr2@news-f.iadfw.net> fladams@iadfw.net (Floyd Adams) writes:
>>>Adjusting the Mic Gain on the 440 will NOT adjust the power like other
>>>rigs.
>
>>Why not, Floyd? Output power is a function of modulation level for
>>a SSB transmitter. If it weren't, the radio would put out as much
>>power when you weren't talking as when you do.
>
>The MIC Gain control will reduce the
>transmitted audio level to the point that you cannot be heard, but it
>does not reduce the power out.
>Power will reduce, because there is little or no audio transmitted.

Which is it, Floyd? In one sentence you say power won't be reduced,
in the next you say it will. The audio level controls output power
completely in SSB mode. The mike gain pot may not be *labeled*
POWER OUT, but it has exactly the same effect. You can think of the
SSB modulator as simply hetrodyning the voice signal up to some RF
frequency. Any change in voice level affects a corresponding change
in RF level.

The ALC turns down the gain of a *linear* RF amplifier while the
mike gain effectively turns down the gain of a *linear* audio
amplifier. Since both are linear, it doesn't matter which you
turn down, the effect is the same, less transmitted power.

The only possible time this wouldn't be true would be if you
were *overdriving* the audio and making it non-linear, then
power output wouldn't change linearly with audio level, but
we wouldn't want to do that would we? (Sometimes we do, and
it's called speech compression, but lets leave that out here
since we *really* don't want compression on RTTY tones because
the distortion would make them difficult to decode.)

Kenwood may have made a mistake here in leaving a pot labeled
POWER OUT off the radio, but the mistake wasn't a technical
one. It was the mistake of assuming amateurs would know that
turning the audio level down in SSB mode accomplishes the same
thing.

There is a technical reason for controlling power at the final
RF stage, but it is of no interest here. That is to reduce
levels of transmitted amplifier noise and carrier leakage in

proportion to the desired transmitted signal. With well designed equipment, and reasonable power turn down ratios, this can be ignored. You'd have to reduce power a *lot* (down in the milliwatts) to approach an area of concern about residual noise transmission.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1902. Re: Yaesu 757, 757GX, 757GXII

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: bgt@thomascomm.com
Message-ID: <4f5nb5$14c@news2.deltanet.com>
Source record: 206014

****

>From: rayc@tcd.net (Ray D. Congdon)
>Newsgroups: rec.radio.amateur.equipment
>Subject: Re: Yaesu 757, 757GX, 757GXII
>Date: Mon, 29 Jan 96 17:24:05 GMT
>Organization: ISA-USA
>Lines: 11
>Message-ID: <N.012996.102405.94@tcd.net>
>References: <4ecn2v$s04@coranto.ucs.mun.ca>
><4ed7sq$q04@cville-srv.wam.umd.edu>
> <4efqfd$mbv@service-2.agate.net>
>NNTP-Posting-Host: slip6.cedar.tcd.net
>X-Newsreader: Quarterdeck Message Center [1.0]

>I have a 757GX that is still in the box I sent it to Yaesu in. They
>sent it back with a note saying that it was not "economicially repairable".
>The band diodes are the problem. After fixing it several times myself I got
>frustrated and sent it to them... I am now the proud owner of a TS-50 w/AT50...
>Still miss the receiver in the 757GX though... Might fix again.
>----
>Ray D. Congdon N7HQK
>ISA-USA
>5515 N. 4400 W.
>Cedar City, Utah 84720

If you would have sent your radio in to Yaesu the first time for
repair, it would have been fixed right at minimal cost. Since you may
have soldered (in your attempt to repaire) the board several times it is
probably messed up beyond repair.

I have had repairs done at reasonable cost at yaesu and never had any
problems.

Good Luck......

73's

Brad

1903. Re: NIR 10 upgrade

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: Jim O'Connell <jimw9wu@ix.netcom.com>
Message-ID: <31165D77.3F28@ix.netcom.com>
Source record: 206015

Bruce Goldstein wrote:
>
> I upgraded to version 4 and am quite satisfied. (But I do wish for the
> NIR-12 as my next goal!).
>
> I find the upgrade easier to use. My only wish is that the upgrade would
> come with a completely rewritten instruction book. (I have one of the
> original NIR 10s and I have upgraded the chips previously and so the book
> is basically useless due to all the changes!
>
> - WA3AFS Bruce

Bruce: Call JPS and ask for a new manual...they'll send one at no charge.
73, Jim W9WU

1904. Yaesu FT-2500M

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: Tony <tmarco@primenet.com>
Message-ID: <31166F33.74C2@primenet.com>
Source record: 206016

Hello,

My father is looking for a used Yaesu FT-2500M. I know nothing about amateur radio, so please forgive my ignorance, but is this a model that would be easily found in the used market? Similarly, does anyone know of a retail outlet that offers consistently low prices on new equipment? I'd greatly appreciate any help.

Sincerely,

Tony

1905. ICOM IC-230 MODIF

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: dbelisle@rocler.qc.ca
Message-ID: <4f5es8$84e@news.bellglobal.com>
Source record: 206017

Hello, my name is Danny B�lisle VE2DKA and i would like the modif for
expand the frequencies on this old mobile.The crystal needed.
If you have the instruction manual send me a message !

If you have any information on the IC-230 please send me.

Thank you very much !
73!
Danny, VE2DKA

1906. Re: Sale:Motorola UHF Micor 100/Watts

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: Ken Yu <ak165@lafn.org>
Message-ID: <31158EA9.2F5E@lafn.org>
Source record: 206018

```
>
> >
> > >
> > >
> > > I have 30 Motorola Micor UHF Mobile(450-470Mhz,will work on
> > > 440-450Mhz) 100/watts widespace no PL, come with interface cable and
> > > control head and one channel element.
> > > asking $100 I ship anywhere US. This radio can mod to a good UHF
> > > repeater
> > >
> > > I can mod the radio to repeater and pre-tune to 446.800 out and
> > > 441.800 in. It will have audio in/out, PTT, COS and tx and rx ant
> > > port after mod.
> > > asking $225 I ship anywhere US. Please contact me via e-mail or call
> > > 1-818-288-9728.
> > >
> > > I also have many motorola 2 tone pager reed asking $3 each or $5 a
> > > pair
> > > KNX1024A channel element asking $5 each.
```

1907. Re: Kenwood 733A poor intermod?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: Gary Pearce KN4AQ <kn4aq.gary@mms.net>
Message-ID: <3116D2AB.4084@mms.net>
Source record: 206019
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

James Long wrote:
>
> I'm thinking of buying a Kenwood 733A dualbander, but I'm hearing that
> its intermod rejection is poor. If true, that could be a problem in
> the Dallas area. Any comments? I'm also considering the Icom 2350 or
> 2700. Please reply via email. Thanks.
>
> Jim Long, K5QPT
> comptnce@airmail.net

My 733 was considerably worse in intermod rejection than my Icom 2410 was, back when I lived close to a cluster of 2-way system towers. A little farther out in the suburbs, though, and it's no problem. I agree with the suggestion of borrowing one and testing it at your location before committing the money.

73,
Gary KN4AQ

--
++
+ Gary Pearce AVID Editor KN4AQ +
+ Raleigh, NC Franklin Video Amateur Radio +
+ +
+ kn4aq.gary@mms.net +
++

1908. Atlas Radio QRT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: U40241@uicvm.uic.edu
Message-ID: <96036.140031U40241@uicvm.uic.edu>
Source record: 206020

From O.M. Radio Company, Jan. 31, 1996:
"As I am sure you may be aware, Atlas Radio Co. has experienced many set-backs and delays in its attempt to develop and produce the Atlas 400x radio. Herb Johnson, the founder of Atlas Radio, has produced many thousands of radios in the past and is a distinguished and highly respected Ham Radio innovator. Herb has been left drained and exhausted by the experience and is deeply sad-dened by the disappointment of his loyal Hams around the world.
I, too, was disappointed having loaned Atlas...tens of thousands of dollars. O.M. Radio, with which I am affiliated, had been considering the purchase of Atlas Radio for several months. After closely reviewing the books of Atlas..., O.M. Radio has decided it is not able to complete this transaction. I do not blame Herb Johnson for the failure of Atlas Radio Company and I hold no ill will. Herb honestly tried his best.
However, I am well aware that you have placed an order (157) for the Atlas 400X and have a deposit with Atlas Radio Company. I also know that you are expecting a radio. During the past year, O.M. Radio has had several radio projects underway, and is near completion of design on a new HF radio that will soon be available. Even though O.M. Radio has no obligation to do so, out of respect for Herb Johnsonand all of the hams waiting patiently, we would like to consider offering you a radio and honoring your deposit made for the Atlas 400X radio. (In some cases, we are aware that full payment for the Atlas 400X radio has been made.)
Specifications for the new O.M. radio will be available soon. We are all very saddened about what has happened to Atlas Radio Company. O.M. Radio will keep you informed of our progress and the schedule with the HF radios. 'Please note: O.M. Radio is not currently accepting orders.... until we are ready to ship the radio and we begin our advertising programs.'
Regards and '73,
Ken Hudson "

P.O.Box 910421,San Diego, Ca. 92191-0421. Customer service #619-535-1425
fax 535-1603

de K9ZAT.

1909. Re: 82 Repeater in Kansas City/Repeater Use

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: Jay Craswell <73016.27@CompuServe.COM>
Message-ID: <4f5amh$e3t$5@mhadg.production.compuserve.com>
Source record: 206021
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc

Where is the Shadow or Green hornet when we need them?
--
73, Jay WB0VNE - AAV5TH

1910. King Bank-scan??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: wm8s@citynet.net
Message-ID: <DMAK65.2u9@news.zippo.com>
Source record: 206022

Thanks to everyone for the help with the King programming. I don't have the "M" so I can't "RTFM"; apparently, it's not in there, anyway, so I'll ask here....

The programming software says "BANK SCAN: ENABLE THE TECHNICALLY UNSUPPORTED EPH BAND-SCAN FEATURE". I assume there is some way to get my 196-ch EPH-5142A to scan all enabled channels in *all* banks; yes? How! I had to make myself a "my favorite 14 channels from the other 13 banks" bank to scan what I wanted. A bank-scan would *SURE* be nice!

Thanks, again.

Rob Bailey, WM8S (wm8s@citynet.net) Kanawha / Charleston
Bailey Computer Systems Radio Amateur Civil Emergency Service

1911. Can you explain AM on UHF?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: ag001@lafn.org
Message-ID: <1996Feb5.203917.10806@lafn.org>
Source record: 206023

Over the past several days, I've noticed that my Bearcat 700A
scanner is picking up a local AM station, KFI (640 KHz) at
450.7250 MHz. Given the wide spread between the frequencies,
I cannot understand what's causing this. It was not a one-time
"fluke" either - it seems to occur on a regular basis. Moreover,
the signal on 450.7250 MHz seems to air some 10-20 seconds
AHEAD of the one at 640 KHz. Any ideas?
Thanks,
Abe, KE6OCM

--

1912. Re: Power adjustment on the TS-440S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: Bert Burland <bertb@arn.net>
Message-ID: <4f5rb3$c0h@services.arn.net>
Source record: 206024

johng@emerald.net.com (John Gratton) wrote:

>I could not, however, find anything that would let
>me adjust the RF output while in LSB mode.

Try the Mic Gain knob.

>(Note, we couldn't find a 13 pin din connector
>to use the aux port on the 440, so we are going
>in through the mic jack).

Try Pacific Coast Parts(parts for Kenwood radios) 800-421-5080.

--
Bert Burland N.W.Texas USA

1913. Mods needed for Kenwood TH-22A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: sinclai@ecf.toronto.edu
Message-ID: <DMB8Iy.AMI@ecf.toronto.edu>
Source record: 206025
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

The subject says it all. I've been unable to find any using a web search. Please reply by e-mail. Thanks.

1914. Re: Grounding problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: Bill Harwood <harwood@sirius.chinalake.navy.mil>
Message-ID: <DMBGrE.69r@avalon.chinalake.navy.mil>
Source record: 206026

w8jitom@aol.com (W8JI Tom) wrote:
>In article <4eoo9fINN61i@sepia.wv.tek.com>, edbu@sepia.wv.tek.com (Ed
>Burress) writes:
>
>>
>>I've always wondered about using 1/2 or 3/4 inch copper water pipe as my
>>ground rod feed. It is plenty heavy enough, and I could "plumb" it right
>>up to my workbench from outside. All the connections would of course be
>>soldered, and my final connection to the ground rod could also be
>friction
>>fit, then soldered (using my two gas torch).
>>
>>Anyone see any problems with this idea? I'm anxious to try it as soon as
>>the ground thaws out a little. My #10 ground wire just isn't cutting it
>>rf wise. What do you folks think?
>>
>>Thanks
>>Ed Burress
>
>I think that would work great Ed, but remember the thickness doesn't
>matter very much as long as it is more than a few thousandths of an inch
>thick. That's why flat copper foil is so good. It's very wide and smooth!
>
>73 Tom

The more metal you get involved the better. Try airconditioning ducts, water pipes and gutters. Chain link fence is a paticularly =
good thing to tie ground to if there is a some around. To cut down on resonance problems you would like to get lots of different le=
ngths involved so you do not wind up with the 1/2 wave high impedance condition.

Keep a long roll of wire around and if you do work like sprinklers, sewers, water pipe with the ground open throw wire in the bottom=
of the trench and tie it to ground.

If there is a swimming pool available get tied into its drain system (and thus into the swimming pool). The clorinated water is alm=
ost as good as sea water.

Good Luck

\--/
\ Bill Harwood U play it, I'll dance it /
\ AB6DY or /
\ I'll play it, U dance it /
\--/

1915. Info Wanted: NIR-10 vs. NIR-12 DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: James Garland <garland@ohstpy.mps.ohio-state.edu>
Message-ID: <4f5h1n$kil@pacific.mps.ohio-state.edu>
Source record: 206027

I've heard that the NIR DSP filters are the best around, but would like a wider sampling of opinion on the subject. What are the differences between the NIR-10 and NIR-12? I don't need lots of bells and whistles, don't care about narrow filters, but want really good noise reduction and carrier notch capability. Also would like to have an AGC circuit so I didn't have to fiddle with the volume level out of the receiver. An uncluttered front panel would also be nice. My present DSP is the original W9GR filter, built from QST article. It works well but isn't user friendly, and the 8 bit A/D conversion gives lower level rumble and makes my rx sound like the speaker was at the bottom of a deep well.

Jim W8ZR

1916. HTX-202, HTX-404 external mic mod

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: SJJK62A@prodigy.com
Message-ID: <4f5f02$2kum@useneta1.news.prodigy.com>
Source record: 206028

There is a mod to overcome the weak external mic audio problem
of the HTX-202 and 404 rigs. Check out :
http://pages.prodigy.com/CA/LA/htx202htx404/htx202htx404.html

1917. Request: Out-of-band recieve mod for TW-4000A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: dadams@sirinet.net
Message-ID: <4f3uds$8fs@panther.sirinet.net>
Source record: 206083

If anyone knows the mods for this radio, I'd really appreciate it if
you could pass them to me.

KJ5RT

The Pleasure You Get From Life Is Equal To The Attitude You Put Into It.

1918. Modify cell phone to transceiver?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: ke6tgn@ix.netcom.com
Message-ID: <4f4igt$3t@reader2.ix.netcom.com>
Source record: 206084
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment,sci.electronics.design

Seems I've read on one of the newsgroups a while back of modifying a cell phone into a transceiver. I picked up a couple of Motorola cell phones for next to nothing at a "junk" store the other day thinking they were transceivers (the handset was missing so I didn't know exactly what they were <g>).

Anyone know if this is possible? And how do you go about it?

Thanks for any help you can give me!

John
KE6TGN

1919. Re: LOOKING FOR ADVICE ON CHOOSING A SERVICE MONITOR.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb5.002057.18007@ke4zv.atl.ga.us>
Source record: 206085

In article <4f2o3f$gtm@news.ccit.arizona.edu> cweddle@astro.as.arizona.edu (Chris Weddle) writes:
>Hi: The sponsor of our repeaters has decided to fund the purchase of a
>service monitor. I've been asked to go shopping about for one. What we'll
>be using it for is tuning/repair of 2meter, 1.25meter, 70cm transmitters
>/receivers, VHF and UHF Public Safety Band portables/mobiles, duplexors,
>etc...
>
>But what the heck to chose? Suggestions and recomendations, as well as
>opinions on reasonable prices, are requested. I've briefly used a few
>IFR's, Waveteks, and Motorolas but that experience is rather **limited**.

Depending on how much money your sponsor is willing to pony up, I'd get an IFR1500 with tracking generator if the bank is flush. Otherwise, an IFR1200S is the cat's meow. If you can live without the spectrum analyzer, the IFR500A is a goody too, and easily tower portable (that's what I use to service my repeater, located 970 feet up a TV tower). The only IFR I'd avoid is the IFR1000 (what a boat anchor, though you might find one *real* cheap). The Motorola 2001 is good too, but a heavy thing to tote to a remote site. It's something you'd prefer to let hold down your bench.

Lesser instruments by HP and Cushman could be pressed into service in a pinch, but don't even think of the Ramsey service monitor, a total waste of money.

Expect to pay between $9,000 and $18,000 for a top flight service monitor, though you can do much better on the used market. You can find an IFR1200 for around $4,000 if you look hard, and a complete recalibration and certification from IFR is only $250. (And well worth it too, don't let Joe's Discount Service Monitor Calibration and Donut Shop touch your IFR.)

IFRs are very rugged too. Cushman has one almost as rugged, but somewhat feature poor. The Motorola has lots of bells and whistles, but is rather delicate for all its bulk, and the HP needs to be placed on a feather pillow. You're going to bounce this thing around in a Jeep up forest service roads, drag it off a precarious perch on an equipment cabinet, etc, and you want it to keep working and stay in calibration. The IFRs can do that, the others.....

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us

Lawrenceville, GA 30244 | |

1920. Re: Advice-Yeasu FT-8500

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: dmartin@ti.com
Message-ID: <4f5eec$esp@superb.csc.ti.com>
Source record: 206086

I guess I should clarify my comment about the 8500/5200 separation kits. The 8500 kit (about $90) includes the display/control (D/C) cable, a mounting plate that the display snaps into, and extension cable for the mic & ext. speaker. The 5200 kit (about $45) comes with the same D/C cable, a DIFFERENT mounting plate (8500 display doesn't fit), and an extension cable for an ext. speaker. The D/C cable can either be secureed to the mounting plate (making display removal easy) or to the back of the display.

For my setup (8500 under the seat), I used the 5200 D/C cable with the display in a 'fixed' location (velcroed in the change tray). I used a regular phone extension cable (modular plugs) and a 'gender-bender' as a mic extension cable to the armrest 'box'.

'73
Dave Martin n5hto@metronet.com

1921. Yaesu FT-100MP - how good?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: Brian00@cris.com
Message-ID: <4f3ja0$gkf@spectator.cris.com>
Source record: 206087

It looks like all of the big 3 in Japan have high end rigs featuring digital signal processing. Is the Yaesu rig any better than the Kenwood TS-870S or the Icom IC-775DSP?

Brian Jones
KC5SNN

1922. Yeasu FT227 schematics needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: acmccorm@iol.ie
Message-ID: <4f3e3e$lgu@barnacle.iol.ie>
Source record: 206088

I need to get hold of a copy of the schematics for Yeasu's FT227
If anyone has a set I could borrow or knows of a site that might have
them could you please let me know.

Thanks
Andrew McCormack

1923. Re: Shopping in NY/NJ are

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: roland.stiner@hobbs.com
Message-ID: <8BA30B5.0027002D54.uuout@hobbs.com>
Source record: 206089

To: jbaltz@watsun.cc.columbia.edu
Subject: Re: Shopping in NY/NJ area

J>There is one (1) ham radio store in NYC -- Barry Electronics. It gets mixed
>reviews. People are divided over whether they hate it or merely dislike it.
>Any and all major ham outlets are invited to open up a branch in NY.

There is no question that one, Barry Electronic's salespeople do not
know one iota about the stuff that they sell.

Two, that they have the highest prices of any ham radio store in the
United States, and that if they suspect that you are from out of the
country, they'll sell the merchandise at more than list price. I've
seen it happen with my own eyes!

OLX 1.53 de, NK2U

--- PCBoard (R) v15.22 (OS/2) 2
* Origin: CyberNet BBS Lyndhurst, NJ (1:2604/151)

.....ooooo0OOOOo http://www.intac.com/~cono
__,-----. ---+_________#_ The Roy Hobbs BBS sysop@hobbs.com
|________| |__|__________} Node 1: 201-641-7307
ooooo oo ~ ooO-O-O-O == oo\ Node 2: 201-641-3126

1924. WTB: 19" standard equip cabinet 70"-77 (southern Ontario)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: intouch@hookup.net
Message-ID: <4f3ikk$tdg@noc.tor.hookup.net>
Source record: 206090

Please reply with description/dimensions/price etc....

1925. HELP Questions about Icom 271/471 radios

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: REDLIGHT@NANDO.NET
Message-ID: <REDLIGHT-0402962127100001@grail701.nando.net>
Source record: 206091

Recently I bought an Icom IC-251A radio that needed some repair.....
I was under the impression that this unit was virtually identical
in appearance to the IC-751A/R71A/R7000 radios that I have already.
When it arrived it does bear some similarities but looks somewhat
older than the ones that I have...Does the 271A/471A radio look more
like mine and if so what should I expect to pay for either one?

Thanks

reply to: redlight@nando.net

Mike

--
Mike - Raleigh, NC USA

Opinions expressed herein are my own and do not in any way
represent those of my employer.

1926. Re: Kenwood 733A poor intermod?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: jaminge@pb2esac.esac.pacbell.com
Message-ID: <4f3qlf$a5t@gw.PacBell.COM>
Source record: 206092
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <3114064a.298006117@news.airmail.net>,
James Long <comptnce@airmail.net> wrote:
>I'm thinking of buying a Kenwood 733A dualbander, but I'm hearing that
>its intermod rejection is poor. If true, that could be a problem in
>the Dallas area. Any comments? I'm also considering the Icom 2350 or
>2700. Please reply via email. Thanks.
>
I have had no problems worth mentioning with intermod on the TM-733A.
Compared to my TH-78A hand-held radio, the 733A is great!
I have noticed that the RF environment is critical to which radios work
well and which ones don't. The 78A was nearly useless in parts of the
Rapid City, SD area last year. There are problem spots around the
Los Angeles area too. By comparison, my friend's Yaesu FT-530 had
intermod troubles too, but in different geographic environments.

In short: borrow a TM-733A and use it in the place you will need it,
before you commit the cash for a new one.

BTW: one of my old timer friends says the problem most people have is
cross-modulation, or mixing, and not intermod. Intermod is something
that happens in transmitters, not receivers. Eh?

Hope this is a help to you.
73, de KE6DTC, John
--
____
John A Minger KE6DTC Opinions expressed are those of the author
Los Angeles, CA and not those of anyone or anything else.

1927. Re: LOOKING FOR ADVICE ON CHOOSING A SERVICE MONITOR.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4f3tj3$mg6@news.ccit.arizona.edu>
Source record: 206093

gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>cweddle@astro.as.arizona.edu (Chris Weddle) writes:
>>Hi: The sponsor of our repeaters has decided to fund the purchase of a
>>service monitor. I've been asked to go shopping about for one. What we'll
>
>Depending on how much money your sponsor is willing to pony up, I'd
>get an IFR1500 with tracking generator if the bank is flush. Otherwise,
>an IFR1200S is the cat's meow. If you can live without the spectrum
lots of good stuff deleted...
>Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
>Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
>534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
>Lawrenceville, GA 30244 | |

Good info. The first service monitor I got to play with in college was an IFR-1000S. They kept it in it's very own locked cabinet, in a locked room thru another locked room. A constantly revised list of what students were or weren't permitted to use it was maintained by one of the teachers. And even with that using it was a matter of carefull review every time you wanted it. If the faculty guy responsible for granting permission had to leave the building, the IFR-1000S went back in its cabinet, in its room thru another room. You had to become very familiar with the fellow's schedule to schedule the most time with the IFR! They really really really liked (and could not afford to replace) that instrument.

Thanks much,
Chris, N7RME

1928. Re: Kenwood TM-241A erratic display

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: steinr@holmes.ece.orst.edu
Message-ID: <4f40h9$iuu@engr.orst.edu>
Source record: 206094

In article <4er7cn$q4u@ixnews7.ix.netcom.com>,
Anthony Giammarino <agia@ix.netcom.com> wrote:
>Has anyone had a problem with an erratic display on the Kenwood TM-241A
>mobile 2M radio ?
>
>The radio has an intermittent problem with the LCD displaying garbage.
>The radio continues to receive/transmit fine. The internal lithium
>battery measures at 3.25V, so I assume it is fine. Resetting the
>radio's microprocessor by holding the MR button down during power up
>does not cure the problem.
>
>I have taken the radio apart, re-soldered connections, re-seated the
>display, etc..., to no avail. I do not have documentation other than
>what came in the manual. I have heard that if the backup battery
>voltage is low, this can cause the problem. The battery seems fine to
>me if the voltage is at 3.25V. It is also soldered down.
>
>Someone mentioned in a recent QST magazine a similar problem but I lost
>the magazine.
>
>Anyone have any ideas? Please e-mail at: agia@ix.netcom.com
>
>Anthony Giammarino - WA6HTF

I had the same problem. I sent the radio to Kenwood for warranty
repair. The problem was apparently a bad transistor, not just in my
radio, but in many of their 241A's. I had a similar problem with my
microphone -- a problem that was inherent with all 241A microphones.

It seems as if Kenwood knows that there are problems with their 241 line,
but will not recall any of them. They just hope that the owners will not
eventually stumble upon them. Then when you call them, they play
stupid. That's what bugged methe most! My $0.01 ($0.02 after taxes).

--

*** Ray Stein *** Oregon State University -- ALUMNI ***
*** steinr@ece.orst.edu *** Dept of Electrical Engineering ***
*** N7RET *** http://www.ece.orst.edu/~steinr ***

1929. need land mobile radio newsgroup info

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: bartbach <bartbach@tiac.net>
Message-ID: <4f47gi$njk@sundog.tiac.net>
Source record: 206095

does anyone have the email address for the land mobile radio newsgroup?
I had it at aol but lost it when I switched providers. any help would be
appreciated. 73, Will

1930. Re: Where can one find a catalogue of equipment?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: boblee <boblee@micron.net>
Message-ID: <4f46u2$t1l@is05.micron.net>
Source record: 206096
Cross-posted to: rec.radio.amateur.swap,rec.radio.amateur.equipment,rec.radio.swap

charles gniech <gniech@srv.net> wrote:
>
> Hello, there is Worldradio 1-800-366-9192 and Amateur Radio Trader
> 1-800-77-ham-ad. Both of these mags have used and new equipment listings.
> Hope this helps DE KB7UZM.
>
CHUCK PICKERING <boblee@micron.net> WROTE:

THERE IS ALSO THE RAYMOND SARRIO CATALOG HERE ON THE NET. IT'S FREE
JUST HAVE ALOT OF PRINTER PAPER ON HAND IT'S ALSO BIG.

1931. Re: Where can one find a catalogue of equipment?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: boblee <boblee@micron.net>
Message-ID: <4f471n$t70@is05.micron.net>
Source record: 206097
Cross-posted to: rec.radio.amateur.swap,rec.radio.amateur.equipment,rec.radio.swap

charles gniech <gniech@srv.net> wrote:
>
> Hello, there is Worldradio 1-800-366-9192 and Amateur Radio Trader
> 1-800-77-ham-ad. Both of these mags have used and new equipment listings.
> Hope this helps DE KB7UZM.
>
CHUCK PICKERING <boblee@micron.net> WROTE:

THERE IS ALSO THE RAYMOND SARRIO CATALOG HERE ON THE NET. IT'S FREE
JUST HAVE ALOT OF PRINTER PAPER ON HAND IT'S ALSO BIG.
CHUCK -- KC7NIY

1932. Re: STANDARD 568 CELL MOD

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: "Guenter Koellner (DL4MEA)" <DL4MEA@AMSAT.ORG>
Message-ID: <31164056.641D@AMSAT.ORG>
Source record: 206098

Von: scam
An: Koellner, Guenter
Betreff: Cell mod instructions and diagram.
Datum: Montag, 11. Dezember 1995 14:47

--========================_7315378==_
Content-Type: text/plain; charset="us-ascii"

Guenter,
Here's a copy of the cell mod diagram, in GIF format, and the
instructions
I wrote up.

Instructions for the C568A cell restore modification:

1. Disconnect the battery and antenna.

2. Remove the two upper black screws from the back of the C568A case.
(The
black screws with arrows pointing to them.)

3. Remove the two small screws connecting the battery slide plate to the
front cover.

4. Carefully pull the front cover up and away from the back of the
radio,
being careful not to damage the ribbon cables.

5. Remove the two black and two silver screws holding the top circut
board
to front of the C568A case, noting their locations.

6. Carefully pull the top circut board up and away from the front of the
rig, exposing the LCD driver control board. (P206)

7. Position the radio to allow access to the LCD driver control board,
being careful not to damage the ribbon cables connecting the various
circut
boards.

8. Once you've accessed the LCD driver control board, locate Q101. Next
to
Q101, locate Q113, directly to the right of Q101, which is notated on the
circut board. Locate the horizontal surface mount resistor (R124), which
is
to the right of Q113.

9. Directly below the left side of R124, is R117, a small surface mount resistor, which is in a row of empty pads. With a low power, small tip soldering iron, remove R117, being sure to use great care not to apply too
much pressure or heat to the circut board. Normal SMC techniques and grounding precautions should be used.

10. Reassemble the radio, making sure that the screws are in the correct locations and being careful not to pinch or damage any of the ribbon cables
in the process.

After reassembly, an "All Reset" must be performed, as per instructions in
the users manual. All memory contents will be erased.

The C568A will now receive the previously blocked portion of the 800mhz band. (869-896mhz)

(C) 1995 Scott A. Manthe

--
vy 73, Guenter, DL4MEA@DB0KCP.#BAY.DEU.EU (AX.25)
KOELLNER@SCN.DE (Internet)
HTTP://WWW.SCN.DE/~KOELLNER (WWW)
UO-22, KO-23 & KO-25 (Pacsats)

1933. Re: 'Cubic Communications' MMBX ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: Joe <joentam@transend.com.tw>
Message-ID: <4f4jac$bel@tilde.csc.ti.com>
Source record: 206099

One of may responses

I think this is designed for use with the Swan (Cubic) 103 or MX 100
mobile HF rig. It is designed to be mounted at or near the base of
a mobile HF antenna. It's purpose is to add additional capacitance
to the base of the antenna to allow improved VSWR matching. I believe
these particular units were pop-rivetted shut...making service difficult
unless you "drilled" the pop rivetts.

MFJ, I think, makes a similar unit with similar purpose.

73, Joe BV/N0IAT

1934. Manual's for Johnson Repeater.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: cn1290@coastalnet.com
Message-ID: <4f5dp3$oe7@treasure.coastalnet.com>
Source record: 206100

Hello All, I have come across a working 461mhz E.F. Johnson Repeater, Complete and functioning. I would like to know if anyone out there can guide me to a source of documentation for realignment and wiring in a new controller. The controller thing should'nt be to difficult but the alignments could really take a while to get right when guessing.

Also, whatever happened to E. F. Johnson? Buy out, out of business, what?

I do not have model numbers just FCC numbers. The gear in in a grey 4 ft tall 19 inch rack mount cabinet, with controller, receiver, exciter, 100 watt amp, duplexer, and power-supply. The mobiles given to me with the repeater are FLEETCOM II's.

UHF RCVR Data # 023-3823
UHF TXCVR Data # 242-1000-001
Duplexer Model # DB-4072

Thanks for the Help,

Ed Clark KQ4ZP
cn1290@abaco.coastalnet.com

1935. Re: TM733A Mod Discrepency? Anyone do it?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: jmleveron@socketis.net
Message-ID: <4f4pfr$is3@news.socketis.net>
Source record: 206101

Hi,

>I was about to do the extended RF mod for my Kenwood TM-733A when I
>noticed a couple discrepencies and had some second thoughts.
>Following my message text is the relevant portion of the mod file I
>found on the Jan 1996 QRZ CD-Rom.
>
>According to the mod, the resistor that needs to be pulled is just to
>the right of a chip labelled XRU-4066BF. In my radio, the chip is
>labelled BU-4066BCF. Just below that number is another: 405 110. The
>numbers are similar and I don't see any other place on the radio even
>remotely close to the one described in the mod. But before I go an
>ruin a $600 radio, I thought I'd ask if anybody has done this mod and
>what their experience with it was. Perhaps the radio's design was
>changed since the file was written?
>
>Also, what is the best way to remove B0? Solder secures is on both
>sides. However desoldering it has the potential of melting the board.
>Yanking it out with pliers has the potential of pulling traces out of
>the board. Any suggestions?
>
>My main interest is in the UHF extended receive. It picks up a good
>chunk of the military aircraft band. That's something my scanner
>doesn't do.

I went ahead and bit the bullet, so to speak. The chip number didn't match on mine, either (can't remember #; TM is in car; bear to get out) but everything else was in the correct position. I performed MARS/CAP first, as it would be easy to repair. Worked as expected after cut, so I desoldered the ends (so no loose connections, etc.)

Then I (most carefully and with great anxiety) desoldered one end of the "resistor". It was indeed tiny and was marked w/ a small gray "V" looking symbol. Put tone board in, and fired it up. Without even resetting it, it played the tune. Works fine, but intermod is present anywhere near our local paging tower (suspect it would be there w/o even doing the mod, tho).

Just my .02 worth; standard disclaimers and cautions apply.

John.

"The Second Amendment guarantees all of the others . . ."
A reminder from jmleveron@socketis.net

SysOp, The KATN BBS (314)896-9309 28.8k 24 hrs. Wildcat 4 SL
(focus on privacy, encryption, firearms info, call for more!)
PGP PubKey fingerprint = A0 19 3E 2D E4 31 02 97
87 FB 62 DA 9F 94 24 77
2047 bit key, strong encryption for the average citizen :)

1936. Re: Grounding problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4f4meg$8h8@newsbf02.news.aol.com>
Source record: 206102

Hi Gary,
In article <1996Feb4.165635.16444@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>The biggest concern is kiloamperes of lightning induced RF, and the
>impedance differential between equipment "ground" terminations then
>becomes *critical*. Ground loops are always *current* loops. Expressed
>voltages are only a function of those currents expressed across an
>impedance.
>
>Gary

That's true, and like so many things everything is more complicated than it seems.

Let's see if we agree on this. I'll try to make it short.

The best place to keep the lightning is *outside* the house. We need to avoid ground loops *through* the station from power line or antenna system hits or near hits. That is best dealt with by bringing all the cables in the building at one point. the cables are all connected at that point to all the grounds entering the building. Everything inside the building is tied to a common point at the enterance.

As a side advantage, conducted current RF loops are also eliminated.

The operating area goal is to have everything move in unison.

The use of either a desk type ground buss or a star type arrangement is fine and mostly a matter of convience so long as power leads, grounds, and the antenna leads enter and leave the operating area (let's call that the "desk") correctly. The correct way to bring ALL the leads in is to tie them to the safety ground at the point where ALL the cables and wires enter the desk area. That would insure one common ground point for everything that can be safely grounded. The power lines could leave through a pair of independent (NOT bifilar) chokes, so could telco lines. The antenna leads might leave that point through chokes also (bifilar or sleeve type).

Then the desk ground would only serve to tie the cabinets together for safety or RF shield voltage differentials at the equipment. The desk equipment would not be subjected to ground loop voltage differentials from lightning or RF even if the ground connection any piece of equipment was accidentally removed.

The worse thing is to bring in things at opposite ends of the area. That's what people should avoid.

73 Tom

1937. Re: Help A Ne Ham!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: Jim O'Connell <jimw9wu@ix.netcom.com>
Message-ID: <31165EA0.CB3@ix.netcom.com>
Source record: 206103

Ryan Workman wrote:
>
> To All:
>
> Here is my situation:
>
> I recently upgraded to Tech Plus and bought an HF Rig. Kenwood
> Ts-450/AT. I constructed a 10 meter dipole. The dipole is reasonant at
> 28.400. But, the band seems to be flat. Is it really that dead or could
> I have done something wrong???? I also have a R7 I will be installing
> when the weather breaks.
>
> Any Suggestions?? Please let me know!
>
> 73,
> Ryan, KB2OOP
> Email: Workman@Algorithms.Com or Ryan.Workman@Jemsoft.Com

Ryan: Ten meters is pretty bad at the bottem of the sun spot cycle. You might hear some signals in the afternoon, but there isn't much propagation. I'd invest in a set of code practice tapes, upgrade to General and you'll be able to use that R7 on the lower bands where there's propagation. 73, Jim W9WU

1938. Re: Shopping in NY/NJ area

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-05 00:00:00 UTC
From: Rolf Mathison <rolf_mathison@hp-usa-om13.om.hp.com>
Message-ID: <31161F70.558A@hp-usa-om13.om.hp.com>
Source record: 206104

Try Gilfer Shortwave 52 Park Avenue Park Ridge NJ 07656
phone (201) 391-7887. Check their website @ http://www.pics.com/gilfer.

Reasonable prices, excellent service...

Been dealing with them for a couple of years, very satisfied.

Regards,

Rolf

1939. Re: 82 Repeater in Kansas City/Repeater Use

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: sparkfel@primenet.com
Message-ID: <4f803e$cc5@nnrp1.news.primenet.com>
Source record: 205905
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc

no6b@no6b.jpl.nasa.gov (Robert Dengler) wrote:

>Here's what a local repeater club in So. Cal. did:

>-Changed the status of their repeater from 'open' to 'private', so that only
> club members are 'supposed' to use it.

>-Got a restraining order prohibiting the undesired user from using the
> repeater.

>The restraining order was enforced & the undesired user was forced off the
>repeater, along with lots of 'good' non-member users.

>Bob NO6B

Bob,

That is a little extreme, although a popular route to take in some coastal states like CA and NY. I can not tell you how annoying it is to travel to California and find so many closed repeaters and closed autopatches. I, for one, would not continue to support the Arizona Repeater Association, if they closed their repeaters or autopatches.

The ARA has about 1100 dues paying members, and all our repeaters and FIVE autopatches in central Arizona are open to ALL licensed amateurs. Please feel free to use them when you are visiting Phoenix. BTW it's gonna be 80 degrees and sunny here today! I hope all you people in the rest of the US are enjoying your snow and record cold temperatures!

Also, please feel free to use the ThunderBird ARC repeater when in NW Phoenix on 145.43 (-) (no pl). :) We need a better antenna, so it's range is limited, for now. For those of you who are familiar with the area, this repeater is located on Phoenix General Hospital, I-17 and Beardsley Rd.

Mark Fellhauer
KC7BXS
TBARC Packet Coordinator

1940. Re: Kenwood 733A poor intermod?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb6.173942.26032@ke4zv.atl.ga.us>
Source record: 205906
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <4f3qlf$a5t@gw.PacBell.COM> jaminge@pb2esac.esac.pacbell.com (John Minger) writes:
>Compared to my TH-78A hand-held radio, the 733A is great!

Faint praise indeed. :-)

>BTW: one of my old timer friends says the problem most people have is
>cross-modulation, or mixing, and not intermod. Intermod is something
>that happens in transmitters, not receivers. Eh?

The terms are equivalent, though with a transmitter the desired
signal is usually part of the mix while with receivers it may not
be.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1941. IC-2GAT 2m Accessories

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: pridgent@pinn.net
Message-ID: <4f8419$5e9@everest.pinn.net>
Source record: 205907

Looking for accessories for the Icom 2GAT 2m hand-held e.g., case,
belt clip, handstrap, speaker mike. If you have any of these items
that you want to part with, please send me an Email.
73, KC4YTF
pridgent@pinn.net

--

1942. Re: For Sale: Yaesu FT-530

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: ken.catalano@chowda.com
Message-ID: <9602061415135475@chowda.com>
Source record: 205908

-> From: hsaigh@netzone.com (Cyber Knight)
-> Subject: For Sale: Yaesu FT-530
->
-> I have an FT-530 handheld dual band for sale, it includes mic and
-> external antenna. Im looking for best offer or trade for?
->
-> Thanks!
->
-> -Hani
->how much & condition

1943. Re: Yaesu FT-2500M

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: mjones@neonramp.com
Message-ID: <4f6u15$emj@neon3.neonramp.com>
Source record: 205909

Haven't seen them used yet, relatively new radios, though I do know some who buy a new radio every few months and put the old on to market. Look to spen 350.00 for a new one.
Shop around, AES, HRO, Tucker and many others.

1944. WTB ICOM CW FILTER

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: flanders@znet.groupz.net
Message-ID: <4f8bvv$p0e@news1.sunbelt.net>
Source record: 205910
Cross-posted to: rec.radio.amateur.equipment,rec.ham-radio.swap,rec.radio.amateur.misc,rec.radio.amateur.swap,rec.radio.swap

I want to buy a CW filter for my ICOM Ham Radio.

This can be the 9 MHz series, like the

FL32 (500 Hz BW), or the
FL63 (250 Hz BW),

Or, the FL52A (500Hz BW) for the 455KHz IF.

These fit several of the ICOM radios. Mine is the 751.

How much?

Jerry W4UKU flanders@groupz.net

1945. Experiences with "Standard" equipment wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: jaccom@ambrosia.knoware.nl
Message-ID: <4f8atg$45n@news.knoware.nl>
Source record: 205911

Hi,

Do you have any experiences with "Standard" equipment. It's so cheap! Is it
any good still?

I'd be glad to hear your findings,

Jacco van Muiswinkel
jaccom@knoware.nl

1946. Kits, where to find

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: Jim Fellows <jimf>
Message-ID: <4f8jj8$sde@murrow.corp.sgi.com>
Source record: 205912

Subject says most of it. I would like to find out where to go for good quality kits for VHF and UHF amplifiers, preamps and transverters.

Thanks,

Jim

1947. HF RETURN FROM PA TO PC VIA PK-900 TNC (CN8BX Morocco)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: guyjp@mail.imaginet.fr
Message-ID: <4f8oi1$e9d@avalon.imaginet.fr>
Source record: 205913

I AM CN8BX i have HF return whose stop my Pc computer .
If some one have any suggestion thanks for answer.
guy jc

1948. Timewave Technology Homepage

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: dsp@timewave.com
Message-ID: <4f8lrp$k1u@cobra.Minn.Net>
Source record: 205914
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.shortwave

I am proud to announce that the WWW Homepage for Timewave Technology
is finally up and running. You can view spec sheets for our products,
a list of dealers, a list of magazine reviews, customer testimonials,
download user manuals, and more. It's not as fancy as some homepages,
and a few parts are still under construction, but it'll improve as
time goes on.

Check it out at: http://www.timewave.com/index.html

73, John, NJ0M
Product Engineer
and wearer of many hats...
Timewave Technology Inc.
dsp@timewave.com

1949. power supply specs for Alinco DJ-F1T?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: dmd@wilde.oit.umass.edu
Message-ID: <4f98pj$agq@wilde.oit.umass.edu>
Source record: 205915

I'm looking to aquire a power supply for my Alinco DJ-F1T HT.
Can anyone tell me what I need for this?

I was told by Ham Radio Outlet than I needed to buy a $40 power supply
putting out 4 amps. I find this rather hard to believe...

--

[Daniel Drucker / dmd@student.umass.edu / N2SXX]

1950. NEED CYSTALS PLEASE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: n9mxt1@aol.com
Message-ID: <4f8lkr$mmc@newsbf02.news.aol.com>
Source record: 205916

Hello,
I have a OLD JOHNSON 1 channel radio here.. and was wondering if anyone knows where to get crystals for it?? I need them to be TX 144.4400 and RX 144.4400. I remember getting it done before and it cost me $9 a crystal. Does anyone make them out there or know where I can get them??

Please let me know....
Thanks N9MXT1 -
Jeffrey
N9MXT - Jeffrey

1951. NEED WIRE DIAGRAM

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: n9mxt1@aol.com
Message-ID: <4f8lks$mmd@newsbf02.news.aol.com>
Source record: 205917

Hello,
Does anyone know the wiring diagram for the JOHNSON radio?? Want to hook
it to packet but, don't know that the 5 pin din plug colors are.

If you know it can you PLEASE email me back with it!!!

Thanks for your time... N9MXT1 - Jeffrey

N9MXT - Jeffrey

1952. WTB: TOWER/ANTENNAE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: "Ros St. John" <rstjohn@ghgcorp.com>
Message-ID: <3118472D.4414@ghgcorp.com>
Source record: 205918

Hi. Due to a tornado, my tower and antennae are now junk.

STATE FARM INSURANCE REFUSES TO PAY CLAIM!!!!! BEWARE!!!!

I am looking for a used TRI-EX/HYGAIN LM-354 tower or at the very
least, the center section thereof.

Want used HYGAIN TH-7DXS OR TH-11.

Want used CUSCHCRAFT 2 METER BOOMER.

Want M2 1.2 gig atv antenna.

Want AEA OR M2 434 mhz. atv antenna.

Thank you.

W5BRY, Ros.

my email is rstjohn@ghgcorp.com

1953. For Sale or Trade:National NCX-3 Transceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: stevej@eastky.com
Message-ID: <4f7ovb$ehd@netnews.mis.net>
Source record: 205919

I have a National NCX-3 Transceiver. It comes in two pieces. One piece is the Radio itself while the other contains the amplifier and
speaker. Both pieces are National and in good condition. It RX's and TX's on 20, 40 and 80 meter HF Bands. Also comes with a
shure desk mike. Everything works fine. Make me an offer or will trade for 2-meter/440 equipment.
Steve KF4FIO

1954. Need D104 schematic

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: kb7et@usa.pipeline.com
Message-ID: <4f6bvu$pge@news1.usa.pipeline.com>
Source record: 205920

Hello:

I just acquired a D104 microphone with the amplified
stand. I want to use it with Kenwood HF gear, 4-pin
plug. Can anyone help me with the schematic and
wiring diagram? Please mail or better yet fax it to me.
The fax number is 512-328-2966. Please e-mail if you
need address. Thanks a milllion.

73,
Jim, KB7ET
kb7et@usa.pipeline.com

1955. Sale:Motorola UHF Micor 100/Watts

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: Ken Yu <ak165@lafn.org>
Message-ID: <3116BFF1.43A9@lafn.org>
Source record: 205921

```
>
> >
> > >
> > > >
> > > >
> > > > I have 30 Motorola Micor UHF Mobile(450-470Mhz,will work on
> > > > 440-450Mhz) 100/watts widespace no PL, come with interface cable and
> > > > control head and one channel element.
> > > > asking $100 I ship anywhere US. This radio can mod to a good UHF
> > > > repeater
> > > >
> > > > I can mod the radio to repeater and pre-tune to 446.800 out and
> > > > 441.800 in. It will have audio in/out, PTT, COS and tx and rx ant
> > > > port after mod.
> > > > asking $225 I ship anywhere US. Please contact me via e-mail or call
> > > > 1-818-288-9728.
> > > >
> > > > I also have many motorola 2 tone pager reed asking $3 each or $5 a
> > > > pair
> > > > KNX1024A channel element asking $5 each.
```

1956. Re: ALINCO DJ-580T

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: jonus@c
Message-ID: <4f8c55$hj4@lynx.unm.edu>
Source record: 205922

doogiek@aol.com (Doogie K) wrote:

>anyone with info about modification for extended transmit and receive for
>the Alinco DJ-580T please e-mail me at DoogieK@aol.com

>thanks in advance

Remove the battery. Remove the 4 screws holding the metal battery
cover.
Carefully locate the blue and red wires. Cut both.
This will allow transmit outside of the Hambands and 800 mhz receive
along with Aircraft receive.
Have fun,
Bob Werner

>Doogie

1957. special console lighting===refresh my memory please!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: ccarlisl@airmail.net
Message-ID: <ccarlisl-0502961925080001@dal22-07.ppp.iadfw.net>
Source record: 205923

a few years back I can remember seeing in the ham magazines a small tungsten halogen light mounted on a flexible neck advertised as a solution to lighting your radio console=desk. I have tossed all of these magazines and have no way to get the information on these lights(the latest versions of QST, 73, monitoring times had no such ad this month). If anyone out there has information on these small flexible necked lights I would appreciate the info very much 73's
Craig WD5EBS

--
"Never confuse style with intent"

1958. Re: 82 Repeater in Kansas City

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: rob@pe1chl.ampr.org
Message-ID: <DMDLpI.Iv@pe1chl.ampr.org>
Source record: 205924
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc

In <4ete1q$b0o@bcarh8ab.bnr.ca> ddenter@bnr.ca (Dean Denter) writes:

>Every radio has a "unique" pattern when you key it (due to differences
>in the components etc), this pattern can be used to identify a radio.
>There is no encrypted signal or anything that fancy.

I have my doubts about the uniqueness of the pattern generated by
same-type transmitters... and the stability of the pattern as a
function of temperature, time etc.
But it seems another sub-thread starts to discuss this.

Rob
--
+-----------------------------------+--------------------------------------+
| Rob Janssen rob@knoware.nl | BBS: +31-302870036 (2300-0730 local) |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+-----------------------------------+--------------------------------------+

1959. FS: DJ-580

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: eafisher@atom.ecn.purdue.edu
Message-ID: <4f667p$bbl@mozo.cc.purdue.edu>
Source record: 205925

For Sale:

Alinco DJ-580 2M/440 HT
Original Box and Instuctions
Extra 12V Battery Pack
Hardly Used

Asking $300 shipped anywhere in US

Respond via e-mail: eafisher@ecn.purdue.edu

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* Eric A. Fisher * Biomedical Engineering *
* IN EMT-D * E-mail: eafisher@atom.ecn.purdue.edu *
* Callsign: KE4USA * AMPRnet: ke4usa@w9yb.in.usa.na *

1960. ICOM 2350 .vs. Kenwood 733A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: Joseph Carvalho <joe@sd.inri.com>
Message-ID: <4f67t4$fjj@gozer.inri.com>
Source record: 205926

I'm looking to purchase a dual band 2m/70cm radio. Any comments/opinions are welcome. The primary use for the radio would be as a cross-band repeater in the backcountry.
73 de KE6WEO
--joe

1961. Re: Shopping in NY/NJ are

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: jbaltz@watsun.cc.columbia.edu
Message-ID: <4f6iu0$721@apakabar.cc.columbia.edu>
Source record: 205927

In article <8BA30B5.0027002D54.uuout@hobbs.com>,
ROLAND STINER <roland.stiner@hobbs.com> wrote:
>>jbaltz@watsun.cc.columbia.edu
>>There is one (1) ham radio store in NYC -- Barry Electronics. It gets mixed
>>reviews. People are divided over whether they hate it or merely dislike it.
>>Any and all major ham outlets are invited to open up a branch in NY.

>There is no question that one, Barry Electronic's salespeople do not
>know one iota about the stuff that they sell.

There was one older fellow there who did, and I think his wife also worked
there and she did too. I'm not sure if either of them moved with the store
to the new location. The last time I was there they just moved and I'm
pretty certain the droid who came over to talk to me didn't know a radio
from his, well, you know the difference between a used-car salesman and a
{radio, computer} salesman? The used-car salesman *knows* when he's lying.

>Two, that they have the highest prices of any ham radio store in the
>United States, and that if they suspect that you are from out of the
>country, they'll sell the merchandise at more than list price. I've
>seen it happen with my own eyes!

To their credit, they are willing to negotiate. I went in once asking why I
should pay their premium price for equipment when I could get it for much
less at HRO, AES, Radio City (or wherever) and I got "We do service here
blah blah blah we're close by for support blah blah blah and [in a lower
voice] we'll meet their price if you really want."

> OLX 1.53 de, NK2U

//jbaltz
jerry b. altzman Entropy just isn't what it used to be +1 212 650 5617
jbaltz@columbia.edu jbaltz@sci.ccny.cuny.edu KE3ML (HEPNET) NEVIS::jbaltz

1962. Re:Modifications for FT2700RH

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: gary.mckelvie@ukonline.co.uk
Message-ID: <4f8gut$125g@morse.ukonline.co.uk>
Source record: 205928

Does anybody know of any modificatios for the ft2700 to give extended receive.

tnx 73`de Gary GM7USC

1963. Re: Transmitter fingerprinting (was Re: 82 Repeater in Kansas City)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: ed@fore.com
Message-ID: <4f86lj$rbu@baleen.fore.com>
Source record: 205929

>This is one of the weaknesses of the system, another is changing the
>rig, or swapping a couple of components in the tx (changing some of
>the resistors/caps is usually enough).

>For example, the claim that each and every radio
>is uniquely identifiable, even radios of the same model and production
>run. Granted, variation in component values will result in slightly
>different PLL characteristics, but I have yet to see any evidence that
>suggests that the resulting fingerprint varies enough to be considered
>"unique".

Ok, here is more variables in the system, voltage, SWR, reactance, impedance?

One of my rigs is an HTX-202 (like 10,000) others out there. What do you
think would happen to the fingerprint if I ran on batterys, weak batterys,
12v from the car, on 13.8 with a smidge of ac ripple? Hi power,
low power, an antenna with high swr? Duck? An antenna with a capacitor in
series, started to tx while holding the antenna with my hand then releasing
it? When the radio is cold?

I would think that the fingerprints would be quite unstable unless you always
used the same exact antenna, voltage, temp, location...

I think that only permitting signals that had a matching fingerprint as
opposed to letting all signals except x,y,z would work better.

Ed N3SDO

1964. WTB -- RADIO HANDBOOK (Orr, W6SAI)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: Bill <debral@falcon.cc.ukans.edu>
Message-ID: <1996Feb6.225242.113412@kuhub.cc.ukans.edu>
Source record: 205930

Looking for the following amateur radio related book:

RADIO HANDBOOK
by William Orr, W6SAI
22nd Edition 1981
Howard W. Sams & Co

Prefer "mint" condition with no markings, underlining, dog ears, etc.

73s

Bill
AA4FM/0

1965. Need MOD for Kenwood TS120s

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: franko@arn.net
Message-ID: <4f68sm$cno@services.arn.net>
Source record: 205931

I would like to know if there is a mod for the Kenwood TS120s for wide recieve. If you have any info please post or e-mail me

1966. WANTED: ATV transmitter. /any ATVers in northeast Ohio?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: 00125753@ysub.ysu.edu
Message-ID: <17725E1FBS86.00125753@ysub.ysu.edu>
Source record: 205932

I'm looking for a good ATV transmitter. Anyone got one they'd be willing to sell? Another question: Are there any ATVers here in northeast Ohio? Send repli es to my account please...

--Geoff

1967. Help with Radio Shack HTX-404 ERR 1

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: swithrow@nyx.cs.du.edu
Message-ID: <4f84tu$g17@nyx.cs.du.edu>
Source record: 205933

I have a Radio Shack HTX-404 that displays ERR 1 on power up.
The radio was this way when I received it. What causes this
radio to give the ERR 1 display and how do you clear it?

Thanks in advance for any help.
73,
Skip Withrow - WB0BBE
ah441@freenet.uchsc.edu

1968. Tubes For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: tubes@i1.net
Message-ID: <4f6hqa$6p1@news1.i1.net>
Source record: 205934

If you would like a listing of the ham radio related tubes that I have for sale, please drop me a short e-mail.
I also have a listing of audio tubes and will shortly have a listing of antique tubes. If you don't see what
you want in the listing, chances are that I will have it. Just drop me a short note.

Thanks,
Mike WB0SND
tubes@i1.net

1969. Re: ham havoc

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: w5bbr@phoenix.net
Message-ID: <4f6jos$gh8@gryphon.phoenix.net>
Source record: 206029

perv@ophelia.waterloo.net (Ben Stegner) wrote:

>Amateur radio operators (hams) are creating worldwide havoc, how
>may you ask ? well these seemingly harmless radios emit
>radiation across the world. The scoundrels that use transmitting
>devices actually transmit radio waves that can cause cancer and
>genetic havoc, remember there has to be a lot of power to send a
>voice signal from Canada to Africa !! at this very moment radio
>waves are being bounced at the ionosphere, hemisphere whereby
>they bounce off this enevelope sourounding the earth and are
>reflected into another part of the world !! radiation galore !
>Not only is radiation harmful to humans, but what about the
>catastrophic mess thats done to our television and radio
>reception. You can be sure that a lot of these scoundrels
>build homemade equipment in the darkness of their basements that
>exceed the rules of society, creating further disaster to the
>environmnt. What can we do ... well perhaps taxing the operators
>to a hefty sum would suffice, you see most of the radio
>transmitters have to be licenced, most are ?
>contact your local member of parliment or senator and strongly
>suggest that the taxes for licencing be raised greatly, we all
>can use the extra finances for worthy projects, like feeding the
>hungry children of the world.
Well Mr Kellogg that is the finest piece of BS that I have read today.
I am sure that you posted the name of Stegner as a disguise to your
real name of Kellogg becasue if BS is cornflakes your name must be
Kellogg.

Regards.
Bill Holbert Sr., W5BBR
101 Bluebonnet Hills
Brenham, TX 77833
Retired, No Money, No Cares

1970. Re: DC connectors and wiring

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: lp@intele.net
Message-ID: <4f6kvd$6cr@vodka.intele.net>
Source record: 206030

Our ARES group here in Utah County, Utah has standardized on the Anderson Power Pole connectors. They are fairly easy to assemble and can handle 30A, though I haven't seen any test results done on them. The only concern I would have with a 10A connector is that my Kenwood 733 runs typically at 8A on high power, and if you have a packet setup or more than one radio running high power you don't run into problems like one would with a 10A connector.

Our group started using these connectors years ago, and I have no idea why they made the decision to use these over the other myriad of connectors out there, but they do some in handy.

Just one more way to go!

73
Golden E. Murray
AB7IK

1971. Re: IC706 and narrow filter in FSK

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <4f6ne7$knn@news.halcyon.com>
Source record: 206031

>Good to hear, but will it allow the use of the crystal filter during FSK
>mode? I do that a lot with a 500 Hz filter during contests.
>
>Jeremy WA7YGB

Yes the Narrow C.W. filter can be selected when using the FSK mode. The
SSB or AFSK keying does not allow the use of the C.W. filter.

gary

1972. Icom W31 Mods??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4f6u26$qeu@news.ccit.arizona.edu>
Source record: 206032

Hi: Anybody have the mod info for the Icom W31? I don't do mods myself. But being friendly and technically inclined, friends ask me to find things from time to time. There's nothing at oak.oakland.edu on the radio.

Chris, N7RME
cweddle@as.arizona.edu

1973. Re: Can you explain AM on UHF?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: cv282@FreeNet.Carleton.CA
Message-ID: <DMCDw7.Kv8@freenet.carleton.ca>
Source record: 206033

Abraham Stavsky (ag001@lafn.org) writes:
> Over the past several days, I've noticed that my Bearcat 700A
> scanner is picking up a local AM station, KFI (640 KHz) at
> 450.7250 MHz. Given the wide spread between the frequencies,
> I cannot understand what's causing this. It was not a one-time
> "fluke" either - it seems to occur on a regular basis. Moreover,
> the signal on 450.7250 MHz seems to air some 10-20 seconds
> AHEAD of the one at 640 KHz. Any ideas?

Sounds like a studio transmitter link. This of course is FM between the
actual station and the main transmitting antenna.

--

□□□

1974. Re: Power adjustment on the TS-440S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: billn@PEAK.ORG
Message-ID: <4f6s9p$lfj@odo.PEAK.ORG>
Source record: 206034

Clark Savage Turner (turner@safety.ics.uci.edu) wrote:
: In <1996Feb5.162740.20685@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:

: >in the next you say it will. The audio level controls output power
: >*completely* in SSB mode. The mike gain pot may not be *labeled*
: >POWER OUT, but it has exactly the same effect. You can think of the

: Technically true. However, in practical situations using the MIC
: gain control to control power is troublesome. So maybe this is a
: different problem. I know that on my 440 it is next to impossible
: to get it down to a reliable 5 watts PEP output using the MIC
: gain, since any movement in the area of the mike itself will
: change the PEP output substantially. There is no setting where I
: can just sit back and ragchew - counting on about 5 watts PEP
: output. It will vary from 2 watts to 25 watts or more. Now, by
: using the audio processor I can get it a little closer, since
: the audio level is held more steady. By using ALC control, I
: get much closer to what I want...which is the way other
: transceivers do it? Does anyone know? Is the audio circuit in
: the 440 just unstable because the MIC gain is not a reliable,
: steady power control?

No, the problem is that you are not providing a steady input level to
the mike. The rig is performing exactly as it should.

Now, if you used a speech processor, such as one that compressed your
voice - the output level would be much more steady. However, those
circuits tend to increase background noise, as they attempt to adjust
ALL sounds to the same level.

Have you looked at the output waveform on a scope? I suspect that it would
show flattopping of your signal. This is just a guess, as I am not going to
try wiring a battery to the ALC on my rig to find out.

Bill

1975. Re: For Sale: Yaesu FT-530

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: dbelisle@rocler.qc.ca
Message-ID: <4f6ob9$6ua@news.bellglobal.com>
Source record: 206035

hsaigh@netzone.com (Cyber Knight) wrote:

>I have an FT-530 handheld dual band for sale, it includes mic and
>external antenna. Im looking for best offer or trade for?

>Thanks!

> -Hani
Hello!
My name is Danny (VE2 DKA) from Qu&#65533;bec,
and i would you trade my Car stereo for your
Handheld.
My stereo is a SONY full logic with a 10 disq
CD changer. I have it since 6 month.
I have pay 900$ Can.
send my a message ! dbelisle@rocler.qc.ca

1976. ICOM IC-W21AT HT. MODS???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: markstrm@execpc.com
Message-ID: <4f70s6$5e8@daily-planet.execpc.com>
Source record: 206036

I have this ICOM IC-W21AT HT.
Dual band 2 meter and 440.
is there any Mods for it. ???
ie. frequency, split band mod? please email
j.markstrom@ieee.org
thanks
KB8MMA USA

1977. Re: HTX-202, HTX-404 external mic mod

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: SJJK62A@prodigy.com
Message-ID: <4f73v3$1ihe@useneta1.news.prodigy.com>
Source record: 206037

If you look at the schematic you will note that the internal mic has a
470
pf cap across it. This is cap is for RF bypass . You will note that
the
internal mic has plenty of punch with this cap installed.

1978. ICOM IC-230

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: dbelisle@rocler.qc.ca
Message-ID: <4f6o0p$6ua@news.bellglobal.com>
Source record: 206038

HI it's me again,
MY name is Danny and my e-mail is dbelisle@rocler.cq.ca
If you have any information to put more frequencies on this old 2m
mobile please send me!
Thank you!
73!
Danny, VE2DKA.

1979. Re: For Sale Postings, wrong?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: dixsau_d@krypton.epita.fr
Message-ID: <4f7gde$qlf@boson.epita.fr>
Source record: 206039

In article <4f0gn0$n39@acme.freenet.columbus.oh.us>, jyazel@freenet.columbus.oh.us (Jack Yazel) writes:
|>
|> I also thought that this group is a for sale group (the title sounds that way
|> to me.
|>
|> What is the correct use?
|>
I read in the FAQ that this group is NOT for sales or purchases.
The rec.radio.swap group is.

73 de Damien, F1LQJ in Paris, France.

|> W8RAG
|>

1980. ft-8500 mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: <>
Message-ID: <4f6dhi$9fm@metro1.globallink.net>
Source record: 206040

does anyone have the mode for the yaesu 8500?

1981. Re: LOOKING FOR ADVICE ON CHOOSING A SERVICE MONITOR.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: Troy & Shelley Miller <millers@hsonline.net>
Message-ID: <4f6u6v$nos@news.hsonline.net>
Source record: 206041

WAVETECH OUT OF INDINAPOLIS INDIANA CAN FIX YOU UP. TELL THEM TROY AT
DEPUTY ELECTRONICS IN SEYMOUR INDIANA SAID HI. DE---N9RMJ

1982. Regency contact information?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: benjamin@ee.tut.fi
Message-ID: <4f7ffr$enm@mosfet.ee.tut.fi>
Source record: 206042

Does anybody here know the address and telefax number for
Regency Land Mobile, Inc, West Melbourne FLA.

We acquired a bunch of RPU402 UHF handhelds to be modified
for 70 cm, but the seller was not able to provide us a
service manual, not even the schematics.

Or if you happen to have the schematics, I'd be interested
in getting a copy.

73 de Benjamin OH3BK
--
Pentti "Benjamin" Gronlund benjamin@ee.tut.fi
Life member of IAAA, the International Association for Adjustment Aces
*** Original Live Reports from the Taxman's Paradise ***

1983. Re: TS-830s/VFO-230 Problems

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: macino@mail.fwi.com
Message-ID: <4f7kak$qg2@news.ios.com>
Source record: 206043

In <4etm1k$6tm@nntp.igs.net>, mdonohue@renc.igs.net (Michael Donohue) writes:
>Hi:
> Have recently developed a problem with my Kenwood TS-830s and
>VFO-230. The VFO-230's digital display is now reading exactly 100kc
>higher than that of the TS-830s.
>
> TS-830s Display VFO-230 Display
> --
>
> 3.757.0 857.0
>
> Does anyone know of a short and simple correction for this
>mismatch in displays. The VFO is controlling both the Receive
>and Transmit Frequncies. The VFO even though displaying a 100kc
>higher in freq is in fact operating on the correct frequency
>which is 100kc below that of the VFO's display. Hope I havent
>confused anyone, but anyone who can help would be greatly
>appreciated. Thanks
>
>73 De Michael VE3DMJ
>
>
>Hello Michael,
I know what your describing. I no longer have my VFO-230, but if it's the same
digital model that I had, once in a while it goes senile. There is a small battery inside
for keeping the memory alive. After many years the battery start to die. I think
it's one of those flat round type like you see on a computer board. About the size
of two quarters back to back. Anyway, try changing the battery, then connect
the TS-830S and the VFO, and power up the 830. The 830 should send a 'reset'
to the 230 and resync the vfo's. Hope that takes care of it. If not, check out that
interconnect cable for an open line....
73's WD9AHF - Jim

1984. Re: Can you explain AM on UHF?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: Al Robinson <robinsona@rl.af.mil>
Message-ID: <4f7j8v$su9@news.rl.af.mil>
Source record: 206044

>Over the past several days, I've noticed that my Bearcat 700A
>scanner is picking up a local AM station, KFI (640 KHz) at
>450.7250 MHz. Given the wide spread between the frequencies,
>I cannot understand what's causing this. It was not a one-time
>"fluke" either - it seems to occur on a regular basis. Moreover,
>the signal on 450.7250 MHz seems to air some 10-20 seconds
>AHEAD of the one at 640 KHz. Any ideas?

>--
The frequency ranges 450.0--450.9 Mhz and 455.0--455.9 Mhz are assigned
to commercial broadcasters for remote pickup use and occasionally a
studio-to-transmitter link (STL). Most STL's nowadays are at 950 Mhz or
higher, but the 450 and 455 ranges are used widely for remote broadcasts.
The 10-20 second delay you mention also indicates remote broadcast use as
stations quite often "build in" this delay to avoid undesirable comments
from going out over the air. This is especially true of
call-in programs.

73 Al, N2PNX
>

1985. (no subject)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: G J Lundy <glundy@infocom.net>
Message-ID: <4f7u97$1pb@gryphon.phoenix.net>
Source record: 206045

I am looking for a really good glass-mount dual-band antenna for 2m/70cm.
I have seen the MFJ1734, but it doesn't seem to be very efficient or easily tunable.

Any suggestions or opinions on this matter would be appreciated.

73 de KC5RBX
Gordon

1986. Need Drake MN-7 Antenna Tuner Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: jchol@aol.com
Message-ID: <4f7nhv$cga@newsbf02.news.aol.com>
Source record: 206046

I'll buy, or reimburse for the expense of copying, a manual for the Drake MN-7 antenna tuner. I bought a tuner recently but the manual was missing. Thanks for reading.

73 de John, WA5TWL

1987. FW: Ham Trader

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: cowanr@isma8.monmouth.army.mil
Message-ID: <B1E246B4@MHS>
Source record: 206047

Harlan, I have 1-800-774-2623.

Amateur Radio Trader
P.O. Box 3729
Crossville, Tn 38557

73, Roland WF4P.AAR2AA

1988. WTB: CTCSS Decoder for Kenwood TM-2570A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: 4z9chb@4x4ac.ampr.ORG
Message-ID: <40926@4x4ac.ampr.org>
Source record: 206048

Hi!

I own a TM-2570A mobile transceiver by Kenwood and I would like to know
if there is a CTCSS decoder option for it. I have the CTCSS encoder.
If there is one, I would like to know its model and where can I get it
from.

Many thanks!

73! Ohad Miller, 4Z9CHB.
--

Ohad Miller, 4Z9CHB IP#: 44.138.40.62 |
QTH: Haifa, Israel. | 100 Grids on 880 MHz
Packet: 4Z9CHB @ 4X4HF.ISR.MDLE | 2 DXCC countries on 880 MHz
InterNet: 4z9chb @ haifa.ampr.org | 20 Holy-Land squares on 880 MHz
4z9chb @ 4z9chb.ampr.org |
gt6011 @ junior10.technion.ac.il | Using
Micro-Sats: 4X4HF @ UO-22, KO-23, KO-25 | All-Mode HT - Analog & Digital
=-= |

1989. Re: Indicator bulbs on Dentron amplifier

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4f7rla$e8c@newsbf02.news.aol.com>
Source record: 206049

In article <31168696.5F5A@arrl.org>, Zack Lau <zlau@arrl.org> writes:

>
> This is a rather exotic lamp--Newark Electonics sells a
>package of 5 of them for $13.99. Incidentally, they are
>actually 28 volt, 40 mA designs.
>
>Zack KH6CP/1

That's certainly correct for some lamps Zak. Exotic? How about
"challenging"?

But Denny bought lamps from several sources. The ones I know about are
Surplus Sales in Cleveland, Ohio; Mouser, and Radio Shack. The best thing
is to look carefully at the pictures, the bulb you have may vary with the
day of the week, hi.

When Prime Instruments "inherited" a bunch of weird Dentron lights from
multiple sources we never used them. It was too confusing to sort through.
Some were screw base, some minature bayonet, and some non-replaceable or
almost impossible to find for a reasonable price on the new market. The
outside of the lamps looked similar, the consistancy stopped there.

I was working for Prime when Prime retrieved parts, and I worked with
Denny for a short period of time also.

73 Tom

1990. ic706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9602061540.AA00827@shelob>
Source record: 206050

I had returned my IC706 for service, not related to your receive
problem. When I got it back it did not receive well on VHF.
What I found out, If I unscrewed and removed the top lid, it
worked. If the top cover is screwed down to tightly, the spring
grounding clip, on the filter switch board near the back(top)side
of the radio, which contacts the top cover, shorts the filters out
on the receiver on VHF.
To eliminate this, I reform the spring clip to protrude more upward,
then put the cover back on. Now no problems. Check this out. A lot of
the IC-706 top lids are really not screwed to tightly down. If you
really tighten them down, after installing the optional filter,
the soldered spling clip and the back filter board presses to adjacent
traces on this filter board, causing lost sensitivity.
Another way would to put some tape/insulating material around, underneath
this clip to prevent it from touching the traces underneath it.
This grounding clip is necessary and has to touch the top cover for
stable operation(no ground loops).
Hope this helps you.
Mike
WB6DJI

1991. Re: fs: ICOM R1 with full

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: scam@siu.edu
Message-ID: <scam-0602961012300001@port165.aixdialin.siu.edu>
Source record: 206051

In article <8BA10B6.0027002D30.uuout@hobbs.com>, roland.stiner@hobbs.com (ROLAND STINER) wrote:

> To: horak@convex.com
> Subject: Re: fs: ICOM R1 with full 800MHz Coverage
>
> H>$500? That's OUTRAGEOUSLY HIGH!!!! New ones don't sell for near that!
>
> It's probably not cellular blocked. If it isn't, then it is probably
> worth the price. I have an ICOM IC-7000 that is unblocked and I
> wouldn't sell it-period. It's worth too much.
> ---

You're paying an awfully high price for ignorance. The new Icom R1 and the rest of their wideband receiver line can be cell restored. One just has to know how to do it. It really doesn't matter whether or not this particulat R1 is unblocked, $500.00 is outrageously expensive and anyone stupid enough to pay that because it's "unblocked" is a moron. A little knowledge might be worth just as much as that R7000.

Scott

Scott A. Manthe, N9AAT "There is no reason for any individual
E-MAIL: scam@siu.edu to have a computer in their home."
Protect your privacy, Kenneth Olsen, President,
use PGP. Digital Equipment Corporation, 1977

1992. Re: FT-51R Extended RX Ra

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: sparkfel@primenet.com
Message-ID: <4f7uq5$bd4@nnrp1.news.primenet.com>
Source record: 206052

source@netcom.com (David Harmon) wrote:

>In article <8B9B4B3.01A60008A0.uuout@grinder.com>,
>DARRYL LINKOW <darryl.linkow@grinder.com> wrote:
>>
>>Wrong! The FT-51R has EEPROM for storing the memories, and does
>>not require ANY battery power.
>> 73, Darryl KE6IHA

>Then please explain why it has one. I am refering to the internal lithium
>battery, labled BT1001 on the schematic that came with the radio, Yaesu
>P/N Q9000637. I can't figure out what they are doing with it. But
>Yaesu's note, that it doesn't need to be replaced "for several years"
>(FT-51R Technical Supplement pg.2-3) is NOT very comforting.

I've had my FT51 apart, and I saw no battery, although I wasn't
looking for one, at the time. The Doc's do say that memory is
non-volatile...EEPROM.

BUT, I've noticed that a low voltage condition in the FT51R as well as
the FT11R can cause erratic behavior, such as the radio cycling on and
off, as well as the memory getting scrambled.

Mark Fellhauer
KC7BXS

1993. Kenwood TH-79A/D Operation Questions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: G J Lundy <glundy@infocom.net>
Message-ID: <4f7u4a$1pb@gryphon.phoenix.net>
Source record: 206053

I have two TH79A/Ds. The manual seems pretty slim on all of the capabilities of the radio. A friend of mine, who builds radios, has told me that all such HT's are build with many additional features that go undocumented (e.g., hyperscan, selectable frequency scan from memory, etc.).

Does anyone know if there is a more complete version of the TH79AD manual available; or if there "are" additional features and options for the radio that are not specifically mentioned in the general user manual.

Does anyone know "how" to extend the frequency range for both receive/broadcast on the TH79AD. The Alinco is expanded by simply terminating a couple of extraneous circuits.. then the radio can be used outside the manufacturing set limits.

Sure would appreciate any help that can be given.

73 de KC5RBX
Gordon

1994. Yaesu FT-290RII For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-06 00:00:00 UTC
From: "Eddie D. Tuggle" <etuggle>
Message-ID: <4f7tqa$93b@jesse.auc.trw.com>
Source record: 206054

For Sale:

Yaesu FT-290RII all mode 2meter xcvr
MH-15C8 DTMF Mike
FL-2025 Linear Amplifier (25 Watts)
MMB-31 Mobile Mounting Bracket (Never used)

Radio is in good condition. Never mounted in my car.
I have just a few days to sell this radio.
I am asking $450 (OBO)+ 5 for shipping (fedex overnight).

I will ship overnight via fedex when I receive your certified
funds check or your personal check clears your bank. COD is
okay also if you want to pay for the charges.

If you are interested, please give me a call at 303-360-4001
between 0800-1600 MDT or in the evening at 303-841-4369.
Thanks,
Eddie Tuggle, KG0XB
--
Eddie D. Tuggle, etuggle@dora.auc.trw.com | "There is nothing either good or
TRW Denver Operations | bad, but thinking makes it so."
16201 Centretech Pky / Aurora, CO 80011 | -- SHAKESPEARE
Voice: 303.360.4001 FAX: 303.360.4133 |

1995. IC706 - how many versions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: pjessop@dircon.co.uk
Message-ID: <4f8shv$kjg@newsgate.dircon.co.uk>
Source record: 205935

I've been following the discussions on the IC706 with interest. I think I'll get one as a return to amateur radio after ten years (still kept my licence though). I'm tempted to buy in the US ona a visit next week.

Is the rig I would buy in the US any different from a European spec rig? I know it won't do 70MHz (yet) but are there any things like channel spacings which are not configurable? At least there's no 240v supply to worry about.

Also, what's a reasonable price? I've seen $1200 quoted on a web page but was quoted $1249 on the 'phone. Are these haggle-able?

73's

Paul G8KGV

1996. Re: QSK Cookoff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: timcook@erinet.com
Message-ID: <4f91ra$hra@asp.erinet.com>
Source record: 205936

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>In article n4lq@iglou.com (Steve Ellington) writes:
>>Last night we ran a QSK cookoff to determin which of three transceivers
>>has the fastest QSK. The rigs were:
>>Kenwood TS-940S
>>TenTec Triton IV 540
>>Icom IC-706

>>
>>TS-940s Maximum speed was aprox. 30wpm.
>>Triton IV 25wpm
>>IC-706.....60wpm plus. It's keyer won't go any faster.

What about the relay noise in the 706 when in qsk
I heard that the 706 used a very noisey mechanical relay (as in the
737,A) instead of solid state switching. That to me is very
distracting. QSK should be silent with fast recovery, no pops, clicks,
or loud RELAY NOISE. I would like a 706, but have not bought one due
to the relay noise I have heard reported.

1997. WTB - ARRL Handbooks

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: lblades@sover.net
Message-ID: <4f928n$sfm@thrush.sover.net>
Source record: 205937

LOOKING FOR:

Editors and Engineers Handbooks before 1939, and
13 and 14th editions of Editors and Engineers Handbooks

also...

4th Edition (1928) ARRL Radio Amateur's Handbook
14th Edition (1937) ARRL Radio Amateur's Handbook
15th Edition (1938) ARRL Radio Amateur's Handbook
21st Edition (1944) ARRL Radio Amateur's Handbook
67th Edition (1990) ARRL Radio Amateur's Handbook

Must be in very good condition.

Bruce

1998. HTX-202 discriminator output?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: mulveyr@ll.aa2ys.ampr.org
Message-ID: <slrn4hg5n6.882.mulveyr@ll.aa2ys.ampr.org>
Source record: 205938
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

Hello All:

I have an HTX-202 that has apparently lost its audio chain. It transmits, and is apparently receiving (the S-Meter is acting appropriately when it senses a signal. :-) Can anyone point me to where I can tap the output of the discriminator? I presume that I can acquire the audio there, and pipe it to my TNC, indirectly. :-)

Thanks,
- Rich

Rich Mulvey, aa2ys Rochester, NY USA
mulveyr@vivanet.com
aa2ys@net.wb2psi.ampr.org
aa2ys@wb2psi.#wny.ny.us

1999. Advice on Icom 751

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: wwhite@southwind.net
Message-ID: <4f9abi$ov0@opal.southwind.net>
Source record: 205939

Being a fairly new ham I am not as familiar with all of the HF rigs out there as I hope to become. There is a member of our club who has upgraded his station and will soon be selling an Icom 751. I would like any information or opinion on this particular radio. I am particularly interested to know if it is a good radio for CW work, if it has any known inherent inadequacies, is it too much or too little radio for one with little experience but high hopes and of course, what is an equitable price for a used 751 in good to very good shape.

Any, and all help is greatly appreciated.

73 de KB0TIJ

2000. Computer Control for FT-1000

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: "Jim Sutton/AC4CZ"
Message-ID: <4f96fu$dm5@zippy.cais.net>
Source record: 205940

Would appreciate any information on computer control of FT-1000

Many thanks,

73/Jim/AC4CZ
jsutton@erols.com

2001. Computer Control for FT-1000

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: "Jim Sutton/AC4CZ"
Message-ID: <4f96hk$dm5@zippy.cais.net>
Source record: 205941

Would appreciate any information on computer control of FT-1000

Many thanks,

73/Jim/AC4CZ
jsutton@erols.com

2002. Re: NEED CYSTALS PLEASE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4f941s$kak@news.ccit.arizona.edu>
Source record: 205942

n9mxt1@aol.com (N9MXT1) writes:
>Hello,
> I have a OLD JOHNSON 1 channel radio here.. and was wondering if anyone
>knows where to get crystals for it?? I need them to be TX 144.4400 and RX
>144.4400. I remember getting it done before and it cost me $9 a crystal.
>Does anyone make them out there or know where I can get them??
> Please let me know....
>Thanks N9MXT1 -
>Jeffrey
>N9MXT - Jeffrey

If I recall correctly:

1-800-JAN-XTAL

As in JAN Crystals.

Chris, N7RME

2003. ACC Owners!! Remailer now online

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: Chris Boone <72732.2610@CompuServe.COM>
Message-ID: <4fauve$51m$4@mhadf.production.compuserve.com>
Source record: 205943
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

For all current owners of ACC equipment (Advanced Computer Controls), there is now a listserver remailer operated by the same folks who operate the LINKCOM remailer...

To subscribe, send a msg to "majordomo@engrng.pitt.edu"

In the BODY of the msg, put ONLY the following:

subscribe acc
end

Then make a note as to WHY you want to subscribe....if you are an owner of ACC gear, state it and mention model and S/N if possible....OR if you are part of a group that operates an ACC system, note that...

This remailer is for ACC operators only....PLEASE do not try to subscribe if you dont own or maintain any ACC equipment...bandwidth is limited...

Linkcom's remailer is at the same site...use the same format as above but in the body of the msg, use "subscribe link"

73
Chris

--
Senior Telecommunications Technician 72732.2610@CompuServe.com
ENTERGY/Gulf States Utilities 1:106/4267 FIDOnet
WB5ITT - Advanced Class BBS- 409-447-4267 (WBBS)
PG-9-5322 FCC Commercial 409-525-2001 PhoneMail 24hr

2004. Q: Is the IC-PS15 a switching supply ? IC-PS30 ? ...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: Mat Eshpeter <mat@clearnet.com>
Message-ID: <4faa4t$pae@dub-news-svc-6.compuserve.com>
Source record: 205944

Does anyone know whether the Icom PS-15 power supply
is a switching supply ? How about the PS-30 ?

I am curious to know about experiences anyone has
re: RTTY use at full power etc. Are these supplies
capable of that type of abuse, or will they melt ?

Post here and/or email me: mat@clearnet.com

Thanks for any help.
Mat

2005. VHF Engineering Info

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: Jon V Twork <jonvtwork@vixa.voyager.net>
Message-ID: <4famm0$dr8@vixc>
Source record: 205945

I need information, schematics, specifications, etc. on a 2 meter amplifier and power supply made by Vhf Engineering of Binghamton N.Y. They have either moved or gone out of business.
If you can assist, please email me.
The amplifier I have is a Model PA 140/10, and the power supply is a PS 24C.
I sure could use some help on this.

2006. FS: 4 New IN THE BOX 811As

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: rsmall01@aol.com
Message-ID: <4fa3kn$bq7@newsbf02.news.aol.com>
Source record: 205946

Need primary or spares? First $75 takes them (includes shipping) EMail:
RSmall01@aol.com

2007. Re: Connector Insertion Loss

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <823698607.1449@pinetree.microserve.com>
Source record: 205947

>His worst case scenario was to set up a string consisting of about
>30 or 40 connectors (double female, double male, right-angle and
>straight). With a 50 ohm output signal generator, he ran through the
>spectrum and measured input power and output power (termination:
>50-ohm >non-inductive dummy load). The losses were negligible.
>Even at UHF frequencies.

The loss isn't generated within the connector itself; it's a function
of the SWR that's created on the cable that precedes it.

I wouldn't personally use a PL259 on the end of any 50 ohm antenna
cable longer than two or three miles. ;)

73,
Jack WB3U

2008. FS - Yaesu FTV-707 Transverter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: k6eid@avana.net
Message-ID: <NEWTNews.823757010.16114.k6eid@k6eid.avana.net>
Source record: 205948

I have a like new Yaesu FT-707 transverter with 6 meter
and 2 meter modules. I bought these to use with my
FT-757GX when they were new. Asking $350/OBO.

Phil, K6EID

2009. Re: Heath HW101 Questions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <823702219.1449@pinetree.microserve.com>
Source record: 205949

TJB94002@UConnVM.UConn.Edu wrote:

>Is there any information out there about Jackson drives?
>Who made them?

Jackson Bros. made them, in England. Surplus Sales of Nebraska
has a few styles in stock, brand new, at around $15 each (I think).
You can reach them at (402) 346-4750. Be sure to make a few
measurements before calling, for instance the approximate length
of the shaft and diameter of the body. It'll save your phone bill. :)

73,
Jack WB3U

2010. IC 706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: mb1004@teclink.net
Message-ID: <4f9col$e59@felix.teclink.net>
Source record: 205950

Well, leave it to ICOM to come up with yet ANOTHER GREAT radio.

I am a member of the Mississippi Wing Civil Air Patrol - the official auxiliary of the U.S. Air Force. We operate just above and below the amateur 2m band. Can this radio be modified for that operation (143.000-144.00 and 148.000-149.000). We also operate on 4469 and 7635. Just out of the 80 and 40 meg bands. Can this radio work out of the box on all these frequencies or does it need to be modified. If it needs to be modified, can someone provide me with the information on how to do the mod. I would also be interested on if the radio can be modified for the public service band of 150 mhz. Any help would be appreciated.

Heath Calhoun
kb5vai
mb1004@teclink.net

2011. Re: QSK Cookoff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <823706173.6525@pinetree.microserve.com>
Source record: 205951

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>And QSK CW is new technology? :-)

I agree. My vintage 1982 Cubic transceiver will work 60 wpm QSK
with the best of 'em. So did my $200.00 Novice station back in 1966.

Good QSK has anything to do with age or technology. It's just a
matter of whether the manufacturer bothered to do it.

73,
Jack WB3U

2012. Re: SVETLANA: RUSSIAN 572B's *an opinion*

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <823706304.6525@pinetree.microserve.com>
Source record: 205952

gary <design@thereporter.com> wrote:

>I am totally satisfied.

I've heard many, many people on the air say exactly the same thing.
My next set of 811A's will also be Svetlana. :)

73,
Jack WB3U

2013. Re: Transmitter fingerprinting (was Re: 82 Repeater in Kansas City)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <4fb7va$37c@abyss.West.Sun.COM>
Source record: 205953

In article <4f9k7c$2m5@anomaly.ideamation.com>,
Michael P. Deignan <kd1hz@anomaly.ideamation.com> wrote:
>In article <4eu9oi$86i@abyss.West.Sun.COM>,
> Dana Myers <myers@West.Sun.COM> wrote:
>
>>Admittedly, I've never evaluated one of these transmitter fingerprinting
>>systems myself, but I have a little trouble believing some of the claims
>>made about them. For example, the claim that each and every radio
>>is uniquely identifiable, even radios of the same model and production
>>run.
>
>This part is true. For example, I had two Yaesu FT5100's. They had
>very different fingerprints.

I believe those two radios had different fingerprints, but I don't
believe this is anywhere near conclusive proof that all radios have
unique fingerprints. In fact, I assert that radios of the same
design and production run will have a tendency to be quite similar,
and the odds of two radios having nearly identical fingerprints
would be significant.

When you add in the fact that the automatic ID algorithm necessarily
allows some margin for change, the odds of a false positive are
increased.

>> Also, component ageing and temperature variation can cause
>> considerable drift over time, and I haven't seen any evidence that
>> this drift isn't great enough to change the "fingerprint" of the
>> radio.
>
>My primary use of such a device has been short-term capturing of
>scumbags. Set up the device, let it monitor the repeater, and then
>when someone gets on at 2AM to kerchunk for 30 minutes straight,
>capture the prints and compare them against the "known" prints
>I'll capture later on, or those I've captured earlier.

In this application, component drift is probably not significant,
though temperature drift can still be a factor (i.e., jammer gets
in cold auto, kerchunks a few times while the radio is 0 degrees C,
you get a sample, then, an hour later, she kerchunks again, but the
radio has warmed up to 25C.

>> Another factor worth mentioning is that the characteristics of a
>> PLL may change considerably as you change frequency, due to variation
>> in gain of the VCO. A fingerprint taken at 144.0MHz may not
>> "match" a fingerprint taken at 148.0MHz, for instance.

>
>I have found that *ANY* change in frequency requires resampling
>all xmitters. Samples from one frequency are usually worthless on a
>second frequency, unless it is really close.

Though I mentioned changing VCO gain as the major variable, even a
perfectly linear VCO tuning curve doesn't eliminate changes in
the PLL characteristics as you change frequency. This is because
the loop natural frequency and damping (the primary components of
the "fingerprint") are both dependent on the VCO gain *and* the
loop divisor. The loop natural frequency is generally inversely
proportional to the root of the loop divisor, and generally proportional
to the root of the gain of the VCO. So, for a 2m transceiver using
a single loop synthesizer with a 5KHz reference frequency, the loop divisor
(N) will range from 28,800 (at 144MHz) to 29,600 (at 148MHz); calculating
sqrt(29600/28800) we get 1.0138. We expect the loop natural frequency
to decrease about 1.4% at 148MHz compared to 144Mhz. The damping
factor will change about the same amount.

Now, take that same synthesizer and assume that the VCO gain is 3x
greater at 144MHz than at 148MHz, which is not unreasonable. The
square root of 3 is about 1.73; this means the loop natural frequency
will be nearly 75% greater at 144MHz compared to 148MHz.

If a radio has a very linear VCO tuning curve, the fingerprint will
not vary significantly from one frequency to the next in the 2m band,
but this would be the rare exception.

O>> I'm also interested in how accurate the software algorithms are
>> that are used to compare a captured fingerprint with stored fingerprints.
>> I can't help but speculate these algorithms generate a likelihood
>> of match measurement, and some arbritary level is used as a decision
>> point (like, say 90% likelihood of match).
>
>The TXID don't really have any "comparison" software (they have a
>crude "match" option in their capture program, but it isn't sophisticated
>at all.)

Don Moser of Motron (maker of the TXiD, http://www.motron.com) described
the match algorithm to me; it is a simple mathematical correlation
function that yields a number; the smaller the number, the closer
the "match". The decision point for this function is configurable.

>Essentially each "fingerprint" is nothing more than a series of voltage
>readings off a receiver's discriminator that provide you with a
>measurement of where a xmitter's signal is within the passband. "Matching"
>this print is a difficult process -- you can have a "match" strictly on
>the values themselves, or you can have a "match" on the relative differences
>from one measurement to another -- depends entirely on how you want to
>do it. I don't know anyone who has written "match" software for the
>TXID unit as of this time.

If this is the Motron unit, the match software is provided.

Actually doing an automated match of fingerprint isn't that complicated,
in theory. You capture a signature, and you look it up in a database
of signatures to see which one correlates most closey. If the correlation
is good enough, you declare a "match". The Motron system uses the
actual waveform with a fudge factor for transmitter/receiver frequency
drift, though I suspect I'd be likely to do an FFT of the captured
waveform first, since this should allow transmitter/receiver drift
to be dealt with more elegantly. The important thing to realize is
that a "match" just means a very good correlation, not an exact
match.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *

2014. PL module for TR-7730

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: Bill Harwood <harwood@sirius.chinalake.navy.mil>
Message-ID: <DMEz0M.8u6@avalon.chinalake.navy.mil>
Source record: 205954

I have a friend looking for the tone module (PL) for a KENWOOD TR-7730.
Anyone have one around or an old busted TR-7730 with a tone module in
it.

We had to PL the local repeater and phone patch and now he is lokced
out.

Thanks,

```
\-----------------------------------------------------/
\ Bill Harwood U play it, I'll dance it /
\ AB6DY or /
\ I'll play it, U dance it /
\-------------------------------------------/
```


```
\-----------------------------------------------------/
\ Bill Harwood U play it, I'll dance it /
\ AB6DY or /
\ I'll play it, U dance it /
\-------------------------------------------/
```

2015. Need Tech Advice to Operate Hickok 752 Tube Tester - ad_752.001 [1/1]

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: l.mclaughlin@popmail.csuohio.edu
Message-ID: <4fb9ke$o6u@csu-b.csuohio.edu>
Source record: 205955

Need Advice on Operating a Hickok 752. I just got the unit and do not have an owners/operators manual. I would appreciate the advice from anyone who cares to tell me how to do the following tests on the unit. Any advice you can offer will be greatly appreciated.

What I've figured out.

1. How to set the line voltage on startup.
2. How to setup the unit from the tube chart to due a dynamic mutual conductance test.

What I haven't figured out and need help with:

1. How do you do a tube short test?

2. How do you do an amp tube life test?

3. How do you do a gas test?

4. What is the leakage knob? Is that the same as an emissions test?

5. What is the knob designated VR for?

6. Concerning the two fuse bulbs. Are they supposed to light up? The unit works, but neither bulb appears to illuminate -- is that a problem?

7. On start up I can't get the needle on the meter's centered line voltage line mark to align perfectly vertical as it should. It is off one meter gradation to the right. Does this mean the unit may need a tube or what are the other possibilities?

8. Does the meter light up on the 752 (maybe just a bad bulb, I have not taken it apart yet)? I know the 752A's meter lights up?

Apparently there is a series of 752's. I have the 752. I have seen a 752A. What are the differences with these and later series models if any?

Can any 752 use the same tube set up charts?

I want to thank you kindly for whatever help you can render. Again, it is appreciated.

2016. FT290R II 2mtr All Mode **SOLD**

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: etuggle@dora.auc.trw.com
Message-ID: <4fajm5$sk7@dora.auc.trw.com>
Source record: 205956
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

The FT290R II has been sold.
Thank you.

Eddie, KG0XB

--
Eddie D. Tuggle, etuggle@dora.auc.trw.com | "There is nothing either good or
TRW Denver Operations | bad, but thinking makes it so."
16201 Centretech Pky / Aurora, CO 80011 | -- SHAKESPEARE
Voice: 303.360.4001 FAX: 303.360.4133 |

2017. Re: Power adjustment on the TS-440S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: Danie Brynard <danie.brynard@pixie.co.za>
Message-ID: <4f9p7k$g7v@hawk.pix.za>
Source record: 205957

I also had a TS440S. I agree you cannot vary the SSB output power on a TS440S except by controling the ALC voltage at the back of the radio. I built myself a little box for controling the ALC when I still had the 440, used it for QRP on HF.

The mic gain is a very unreliable and non-linear way of controlling the 'rf' power. It is not meant for that. Try using the mic gain when driving a 10mW transverter !

I went thru this whole story years ago - don't waste time with the mic gain control.

I now have a ts690s: kenwood decided to implement a rf output control on it, it works wonderful. Why have they decided to do it ? Make up your own mind.

73 Danie zs6awk

2018. Re: Best Handhelp Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: dbaker@mail.bcpl.lib.md.us
Message-ID: <dbaker.117.000DEDCC@mail.bcpl.lib.md.us>
Source record: 205958

In article <1996Feb7.145358.2410@relay.nswc.navy.mil> rgamind@relay.nswc.navy.mil (Allen Gaminde) writes:
>From: rgamind@relay.nswc.navy.mil (Allen Gaminde)
>Subject: Best Handhelp Radio
>Date: Wed, 7 Feb 1996 14:53:18 GMT

>Hello All,

> I am posting this question for my father-in-law. He just received his
>Tech No-Code licence and wants to purchase a handheld radio. He is
>considering the Yaesu FFT-10/A16D since it has some nice features and
>is also MIL-SPEC. He plans to use the radio when hunting to keep in
>contact with his wife in case something happens. The question is
>this: is this the best radio for what he wants (rugged, weatherproof,
>etc)? Can a few of you make some other recommendations?

>Thanks is advance for everyone's help.

>-------------------------------------
>R. Allen Gaminde
>Computer Eng.
>Naval Surface Warfare Center - Dahlgren, VA
>rgamind@relay.nswc.navy.mil
>-------------------------------------

If rugged is teh criterea, buy commercial. Motorolo, Midland, etc. It is a little more hassle since you have to crystal or have them programed (vintage), but can't compare ANY ! amateur products to good old solid commercial. Keep a watch on this list and you will see them all the time...

For what it is worth.....

Don

Donald I. Baker
Reville Engineering Services
4619 Schenley Road
Baltimore, MD 21210-2525
(410) 467-7163
Custon Harsh Environment
Computers and RF Products
"Where no PC has gone before..."

2019. Re: Kenwood 733A poor intermod?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <4farcc$imv@newsbf02.news.aol.com>
Source record: 205959

Yes, I second the PAR notch filter suggestion...I use it with my Yaesu FT51r mobile thru some pretty hairy intermod areas and it works great!
Mike KS4DA

2020. Re: Yaesu FT767 Extended RxTx Mods Anyone ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: greg@core.rose.hp.com
Message-ID: <DMF820.5EF@icon.rose.hp.com>
Source record: 205960
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

asmartuser (myaddress@myserver.mylocation) wrote:
: Hi,
:
: I got a Yaesu FT 767 GX, with 144 Mhz unit. It's a good rig, expecially
: for
: the coverage of all bands.
: The 2m unit works till 145.999.
: My question is: how to extend till 147.999 ?

Yes. Hold the MCK (2) button down while turning on the rig. That should change it to 144-147.99 mhz operation unless they've done something on your unit's filtering to restrict it otherwise.

: The same problem is on the other unit (430 Mhz)!
:

Well, holding the AC (0) button down toggles it from 430 to 440 on the display, but there *ARE* component changes inside the module which prevents operation outside the original band. Even though the display may say 440, it's still operating on 430. Sorry.

: It's also possible to extend TX capabilities ?
:

The 2M change covers both Rx and Tx. I believe Yaesu has these different band restrictions for different world markets. I am not aware of what the restrictions are in your part of the world, so be careful.

Enjoy,

Greg KO6TH

2021. Re: QSK Cookoff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4fbi9u$sbp@crash.microserve.net>
Source record: 205961

w8jitom@aol.com (W8JI Tom) wrote:

<lots of good stuff deleted>

>Just about every rig falls out on more than one of these. Sometimes
>the test method changes the result.

<more snippage>

>In general, rigs with poor TX keying reproduction have super RX
>recovery. Rigs with poor recovery sound much better on TX. Take your
>pick, but don't expect it all.

Hi Tom,

At any certain speed, each code element (dot or dash) is supposed to exist for a fixed amount of time. The same is true of the spaces between them. In QSK operation, each element could therefore be called a "transmit unit", and each space could be called a "receive unit". In order to achieve perfect QSK, neither of the units can be allowed to change.

Because it is impossible for the switchover from transmit to receive (and from receive to transmit) to occur in an infinitely small amount of time, QSK operation will always degrade the transmit unit, the receive unit, or both, to some degree. That's true even when a separate receiver and transmitter are being used with an electronic antenna switch. If nothing else, the receiver must be desensitized during the time period of the transmit unit. That disturbs the equilibrium of the AGC, as well as independent stages which may see a change in effective operating bias between the transmit and receive condition.

This agrees with what you've said, but I wanted to point out that like most things, it's a matter of degree. To add to your last statement, I think it's reasonable to add that a rig could have acceptable TX keying reproduction, and acceptable RX recovery. I'm using the word "acceptable' as opposed to "poor" or "perfect", because if the T/R switching time is sufficiently short, it could occupy an area that extends partway into the transmit unit, and partway into the receive unit, perhaps without occupying a significant portion of either.

Like you say, old or new technology isn't the reason for good or bad QSK, but I don't think that will always be the case. If the manufacturers were willing to apply it, digital delay technology could provide variable placement of the switchover time. That would allow it to be "centered" between the transmit and receive units, and

perhaps even to be varied by the operator, in terms of placement, as a function of code speed.

You're also right about the test method changing the result. I like Steve's test results, but I'm wondering if there's not another, more definitive method for establishing some sort of standards? For instance, it's simple enough to check CW reproduction on transmit with a scope. In fact, I've done that with my rig, and there's literally no detectable difference between dot/dash length at the keyboard and dot/dash length at the RF output connector from 5 WPM to at least 60 WPM. This tells me the switchover time (whatever that may be) is subtracting from the receive units, not the transmit units.

After reading your post, I went back to the rig and tuned in a strong carrier on the air. Then, I set my keyboard for 60 WPM and sent a long string of "fives" and another long string of "zeros". No matter how hard I tried, I couldn't tell if I was actually still hearing the carrier between the elements, or only during the longer space between each character. So, then it occured to me that I could do a quick modification to my homnebrew keyer, so that I could send an uninterrupted string of dots or dashes at 60 WPM. However, even that wouldn't tell me the degree to which each receive unit is being clipped (unless of course I was unable to hear the carrier at all).

With the preceding in mind, I'd like to propose a different method for measuring QSK effectiveness. Any comments or criticisms of the techniques are welcome.

First, check the transmit units with a dual-trace scope synced to the modulator (keyer, keyboard, etc.). Measure the width of each code element at the RF output connector and compare it to the width of the elements at the modulator. In order to establish a standard measurement procedure, and to accomodate the shaping of the RF output waveform, do not include any portion of the output in the width measurement that is more than (pick a number) 6 dB below full output.

To check receive units, apply an unmodulated carrier to the input of the receiver at a level of (pick a number) 50 uV. Tune in the carrier so that the audio frequency from the receiver is equal to the offset applied by the rig's transmitter in CW. This is merely to achieve some semblance of "normal" operating conditions. Now disable the sidetone oscillator, but be sure AGC is set to the position normally used for medium-to-strong CW (disabling the AGC might provide an unrealistic and optimistic result, especially considering that most people only use QSK when signals are reasonably good). Also, unless the transceiver has an auxillary receive antenna input, the carrier level or equivalent control will have to be set to minimum (or another method found to disable drive to the PA) to avoid damaging the signal generator. The latter procedure may not provide quite as accurate a result as with the transmitter "live", but it will suffice for lack of a better way.

Now sync the scope to the modulator and observe the output of the modulator on one trace while measuring the width of the received audio pulses on the other trace. Again, to account for waveshaping of the received audio (whether intentional or not), do not include any portion of the waveform that is more than 6 dB below full audio output. Measure separately any portion of the waveshape that overshoots full steady-state RX output, or consists of noise rather than the recovered sinewave, and note either of those characteristics as separate data.

Well, that's about it. I've got a rig open downstairs even as I write this, so I think I'll check the "receive units" in a few days before I button it up. I don't have the generator needed to check it at a professional level, but I can get close.

I know this all sounds somewhat complicated, but it's really a pretty simple procedure. Steve, if you're listening, your comments would be appreciated too. You sponsored the original cookoff and it would be interesting to know how the results of tests with instrumentation compare to your on-air evaluations.

Speaking of cookoffs, I think it's about time to make another batch of Texas chili. Anyone got any real jalapenos they'll ship to PA? The ones they sell up here are about as potent as the current Administration. ;)

73,
Jack WB3U

2022. Re: Yaesu FT-51 MODS wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: Les Butler <lsbutler@cris.com>
Message-ID: <31193F25.565C@cris.com>
Source record: 205962
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.swap

Blackshadow wrote:
>
>
> If there is a MOD for 800Mhz for the FT-51? Please email me
>
> Thank You
> N2RVMIf you are using the ADMS-1 software for programming of the FT-51 why
not visit my homepage. I have available for download the repeater files
for the Detroit Area and the latest upgrade patch that will bring you up
to version 1.22

http://www.cris.com/~lsbutler

They are near the bottom of the page under the picture of the FT-51

Les

2023. Re: QSK Cookoff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: chris robson <crobson@moose.erie.net>
Message-ID: <31193B2B.4AE1@moose.erie.net>
Source record: 205963

I find your comparision of the Triton IV unfair to Ten Tec rigs, try comparing the QSK of a Omni VI to the other rig and it will do all of 60 WPM.

--

Chris Robson
The Robson Company

E-Mail: crobson@moose.erie.net

Amateur Radio Call: KB3A
Packet E-mail: KB3A@WA3ZCA.NWPA.PA.USA

2024. HELP: 2m Packet Radio to work w Log Windows

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: sco@mindspring.com
Message-ID: <sco.654.001F86C1@mindspring.com>
Source record: 205964

Anyone know a radio for 2m packet that will let LOG WINDOWS 3.0 control it?

KE4IKT

2025. Re: Morse code to text display wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: jpryan@westnet.com
Message-ID: <4fafb7$ja0@mycroft.westnet.com>
Source record: 205965
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

There are two more programs that I am aware of.
The first was published in 73 magazine with source it is called ROBOCOPY.
This one is a copy/read only program with source in "C".

I have also used a program called CW version 1.04 based on the robocopy
program. This one was written by W0NFU, has no source code with it, runs
on an IBM PC.
Both of these programs require a seperate interface to your HF rig.

N2IKO >>>

In message <NEWTNews.822989963.13882.fkish@attila.mtx.net.au> -
Ference Kish <fkish@attila.mtx.net.net> writes:
:>
:>
:>> >
:>> >Hi. My dad is a Ham operator, and asked me if there were some
:>> inexpensive
:>> >way to have incoming Morse code automatically translated and displayed
:>> on
:>> >a CRT. Since I know nothing about Ham radio, I thought I'd post here.
:>
:>There is a program called MORSEFFT which you should be able to find on the net
:>(use ARCHIE to find the site storing it)
:>
:>It needs a sound blaster card as an input device. It comes with C source code,
:>too
:>
:>

2026. Re: QSK Cookoff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: Paul Christensen <paulc@jax.se.continental.com>
Message-ID: <4fb7s7$53f@usenet.continental.com>
Source record: 205966

>>>Kenwood TS-940S
>>>TS-940s Maximum speed was aprox. 30wpm.
>>>Triton IV 25wpm
>>>IC-706.........................60wpm plus. It's keyer won't go any

Nice test...but one key ingredient is missing (no pun intended): What does the keyed wave form look like on these radios. It's very easy to design a relay-switched radio with very fast T/R recovery times, but generally, a shortening of the transmitted keyed elements is observed and heard.

-Paul, N9AZ

2027. Re: Power adjustment on the TS-440S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: turner@safety.ics.uci.edu
Message-ID: <4fasts$rvd@safety.ics.uci.edu>
Source record: 205967

In <4f6s9p$lfj@odo.PEAK.ORG> billn@PEAK.ORG (Bill Nelson) writes:

>... the problem is that you are not providing a steady input level to
>the mike. The rig is performing exactly as it should.

Yes, this makes sense.

>Now, if you used a speech processor, such as one that compressed your
>voice - the output level would be much more steady. However, those
>circuits tend to increase background noise, as they attempt to adjust
>ALL sounds to the same level.

That is what I normally did when I attempted to use my 440 for QRP SSB.
However, though my cheapo MFJ "Peak Reading" wattmeter showed pretty
steady 5 watts PEP output, I got a Palomar peak reading wattmeter
(it was digital? used discrete led's to show power output) that
seemed to respond much better and saw that my PEP output was still
varying widely depending on how I spoke to the mike and the time
of day, maybe the phase of the moon. The 440 compressor is an
audio compressor, but gets reasonable reports from critical guys.

>Have you looked at the output waveform on a scope? I suspect that it would
>show flattopping of your signal. This is just a guess, as I am not going to
>try wiring a battery to the ALC on my rig to find out.

I have not done that. I may do that soon.

Clark
WA3JPG

2028. Need manual for Midland 70-056C

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: tom_boza@ccm.ch.intel.com
Message-ID: <4fbe0e$eto@chnews.ch.intel.com>
Source record: 205968

Im looking for a user and/or service manual for a Midland
50 MHz solid state 2-way FM communications radio, model
70-056C. If anyone has one, I would be more then happy to
pruchase it.

73s, WB7ASR...

2029. Re: Grounding problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <823701142.1449@pinetree.microserve.com>
Source record: 205969

edbu@sepia.wv.tek.com (Ed Burress) wrote:

>I've always wondered about using 1/2 or 3/4 inch copper water pipe
>as my ground rod feed.
<snip>
>My #10 ground wire just isn't cutting it rf wise.

There seem to be a lot of positive comments about the use of this pipe, but I don't see even one thing relating to this person's RF problem. The pipe probably isn't going to cure that, no matter how big it is. I also haven't seen anyone questioning the soil conductivity. Most Amateur ground systems are worthless for RF, unless the QTH is a saltwater marsh.

Fix the real problem and the #10 ground will work just fine.

73,
Jack WB3U

2030. Re: Icom W31 Mods??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: nadzam@garlic.com
Message-ID: <4fa7o7$gkk_001@nadzam.garlic.com>
Source record: 205970

In article <4f6u26$qeu@news.ccit.arizona.edu>,
cweddle@astro.as.arizona.edu (Chris Weddle) wrote:
>Hi: Anybody have the mod info for the Icom W31? I don't do mods myself. But
>being friendly and technically inclined, friends ask me to find things from
>time to time. There's nothing at oak.oakland.edu on the radio.
>
>Chris, N7RME
>cweddle@as.arizona.edu

Here is a copy of somthing I kept for my IC-Z1A, which is the same
radio as the W31. The only thing that is different is that on my
Z1A is that the face comes off as a speaker mic.

From: baptpdc@netcom.com (Bruce A. Pope)
Subject: Re: Mods for IC-Z1A
Date: Sat, 22 Jul 1995 07:20:53 GMT

vannossc@ipssmail.sch.ge.com (Scott A. Van Nostrand) wrote:

>Any mods available yet for this model??

>--
>**
>* Scott Van Nostrand, N2ZYI ** Opinions, ideas *
>* GE Technical Communications ** expressed here *
>* vannossc@ipssmail.sch.ge.com ** are my own. *
>**

Ok, after messing around with the radio on my own and then getting the
"official" mod, here's a summary of the various diode mods for the Z1A:

Icom Z1A mods

[B]+[#]+[POWER] = Extended Receive.
VFO *DISPLAYS* 50-299.900 and 300-999.900.
AM Aircraft band enabled.
SET mode now has a new "PLACE" function for setting
the direct entry starting digit.

There is room for four diodes in the Z1A located on the CPU board to the left
of the ribbon cable connector. On a US version, only the bottom two are
installed. D15 is just below and to the right of the four diodes. These
diodes are bigger than the rest of the surface mounted components and are easy
to spot.
The official ICOM mod (which I unofficially saw...) is to remove D15 for
extended TX and to use the above keyboard mod for extended receive. According
to the sheet, the 800-900 band is NOT available in US versions.

```
+-+ +-+
| | | | <---- Installing diodes in either of these seems to do
+-+ +-+ nothing.

+-+ +-+
| | | | <---- IN: US Version 144-148 TX 440-450 TX
+-+ +-+ OUT: Extended 136-174 TX 380-470 TX (Lose auto-repeater
^ and tone encode)
|
+------------ IN: US 144-148 TX 440-450 TX
OUT: European 144-148 TX 430-440 TX

+-+
"D15"--> | | <---- IN: US Version Stock
+-+ OUT: Extended TX 136-174 380-470 (keeps auto-repeater
and tone encode)
```

A word of warning about messing with the four diode pads: If you detach either one of the installed diodes, the CPU will reset and you'll lose ALL of your memories. (found that out the hard way...) D15 doesn't seem to affect the memories at all.

Since the 800MHz band is not available in US versions, my guess is that there's a keyboard mod to unlock it instead of a diode. The diodes only seem to control the country versions. If anyone has any more keyboard mods, please post them.

Bruce KD6ALI

Name: Bill.Nadzam
E-mail: "Bill Nadzam" <nadzam@garlic.com>

2031. Re: Transmitter fingerprinting (was Re: 82 Repeater in Kansas City)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <4f9k7c$2m5@anomaly.ideamation.com>
Source record: 205971

In article <4eu9oi$86i@abyss.West.Sun.COM>,
Dana Myers <myers@West.Sun.COM> wrote:

>Admittedly, I've never evaluated one of these transmitter fingerprinting
>systems myself, but I have a little trouble believing some of the claims
>made about them. For example, the claim that each and every radio
>is uniquely identifiable, even radios of the same model and production
>run.

This part is true. For example, I had two Yaesu FT5100's. They had
very different fingerprints.

> Also, component ageing and temperature variation can cause
> considerable drift over time, and I haven't seen any evidence that
> this drift isn't great enough to change the "fingerprint" of the
> radio.

My primary use of such a device has been short-term capturing of
scumbags. Set up the device, let it monitor the repeater, and then
when someone gets on at 2AM to kerchunk for 30 minutes straight,
capture the prints and compare them against the "known" prints
I'll capture later on, or those I've captured earlier.

> Another factor worth mentioning is that the characteristics of a
> PLL may change considerably as you change frequency, due to variation
> in gain of the VCO. A fingerprint taken at 144.0MHz may not
> "match" a fingerprint taken at 148.0MHz, for instance.

I have found that *ANY* change in frequency requires resampling
all xmitters. Samples from one frequency are usually worthless on a
second frequency, unless it is really close.

> I'm also interested in how accurate the software algorithms are
> that are used to compare a captured fingerprint with stored fingerprints.
> I can't help but speculate these algorithms generate a likelihood
> of match measurement, and some arbritary level is used as a decision
> point (like, say 90% likelihood of match).

The TXID don't really have any "comparison" software (they have a
crude "match" option in their capture program, but it isn't sophisticated
at all.)

Essentially each "fingerprint" is nothing more than a series of voltage
readings off a receiver's discriminator that provide you with a
measurement of where a xmitter's signal is within the passband. "Matching"
this print is a difficult process -- you can have a "match" strictly on
the values themselves, or you can have a "match" on the relative differences

from one measurement to another -- depends entirely on how you want to do it. I don't know anyone who has written "match" software for the TXID unit as of this time.

MD
--
--
-- These opinions are mine, all mine, posted from my system at home,
-- paid for with my own money, and if you don't like them... PHHHHHFT!
--

2032. Re: QSK Cookoff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4fb65q$mul@newsbf02.news.aol.com>
Source record: 205972

In article <823706173.6525@pinetree.microserve.com>,
jackl@pinetree.microserve.com (WB3U) writes:

>
>I agree. My vintage 1982 Cubic transceiver will work 60 wpm QSK
>with the best of 'em. So did my $200.00 Novice station back in 1966.
>
>Good QSK has anything to do with age or technology. It's just a
>matter of whether the manufacturer bothered to do it.
>
>73,
>Jack WB3U

Hi Jack,

The problem is mostly a lack of design skill, not technology. Some engineers just have no clue how CW works and should sound, and don't bother to research it! Getting them to understand the problem is difficult.

It's more than just "hearing an interuption".

Important issues are:

1.) Sequencing of the external PA control line.

2.) Clicks, edge squaring, or damage from hot switching.

3.) Modification of weight.

4.) Receive recovery time.

5.) Receive window width.

6.) VCO settling time.

Just about every rig falls out on more than one of these. Sometimes the test method changes the result.

For example, I have a rig that seems excellent until I use a 100 kHz split on QSK to work JA's on 160. Then the VCO swoops to the TX freq while TX RF is on. Imagine the click that makes! ! I can't use the rig on QSK with more than a 50 kHz split, or it clicks like crazy when the VCO swoops into lock.

In general, rigs with poor TX keying reproduction have super RX recovery. Rigs with poor recovery sound much better on TX. Take your pick, but don't expect it all.

73 Tom

2033. Eto 91B

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: discus@caverns.com
Message-ID: <discus-0702960957060001@dialup6.caverns.com>
Source record: 205973

I have an unwired ham buddy who is considering an Eto 91B and is soliciting any opinions/experiences on this relatively new amplifier or Eto in general. His name is Paul Elliott (W5DM). Replies on the newgroup or by e-mail to me would be great.

Thank you.

Larry (NU5M)

2034. (no subject)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: Bill Harwood <harwood@sirius.chinalake.navy.mil>
Message-ID: <DMDt6t.MME@avalon.chinalake.navy.mil>
Source record: 205974

I have a friend looking for the tone module (PL) for a KENWOOD TR-7730.
Anyone have one around or an old busted TR-7730 with a tone module in
it.

We had to PL the local repeater and phone patch and now he is lokced
out.

Thanks,

```
\-----------------------------------------------------/
\ Bill Harwood U play it, I'll dance it /
\ AB6DY or /
\ I'll play it, U dance it /
\-------------------------------------------/
```

2035. Best Handhelp Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: rgamind@relay.nswc.navy.mil
Message-ID: <1996Feb7.145358.2410@relay.nswc.navy.mil>
Source record: 205975

Hello All,

I am posting this question for my father-in-law. He just received his Tech No-Code licence and wants to purchase a handheld radio. He is considering the Yaesu FFT-10/A16D since it has some nice features and is also MIL-SPEC. He plans to use the radio when hunting to keep in contact with his wife in case something happens. The question is this: is this the best radio for what he wants (rugged, weatherproof, etc)? Can a few of you make some other recommendations?

Thanks is advance for everyone's help.

R. Allen Gaminde
Computer Eng.
Naval Surface Warfare Center - Dahlgren, VA
rgamind@relay.nswc.navy.mil

2036. YAESU FT-10 MOD's ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: Michael Stricker <stricker@ll.mit.edu>
Message-ID: <4fav7o$b81@llnews.ll.mit.edu>
Source record: 205976

Does anyone know if the Yaesu FT-10 can be modified to receive the
Aircraft Band (in AM)?

TIA

Mike Stricker, WA1SEO

2037. HELP WITH DUALBAND MOBILE RIGS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: hutchinw@nevada.edu
Message-ID: <4f9d34$2nv@news.nevada.edu>
Source record: 205977

I am writing this message for a friend who isn't familiar with newsgroups yet. Please send any responses addressed to Richard (N7BDM) his email address is: sallym@pioneer.nevada.edu.

Richard is planing to buy a dual band mobile radio (2M/70CM) in the near future. He has been inactive in the hobby for several years and isn't sure which brand to purchase. Please send any comments you have on first hand experience with the current radios available today.

Thanks and 73.

2038. Re: Kenwood 733A poor intermod?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: Carl Morgan <MorganCL@MUOhio.EDU>
Message-ID: <4fb0bn$2t06@rose.muohio.edu>
Source record: 205978
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I have two Kenwood 732s and an Icom 2350. The Kenwoods are, by
far, much better atI/M rejection than the Icom.

Don't kave any experience with Yaesu .... but .... a local
reports it worse than the Kenwood.

Make no mistake, I/M does and will exist. You must either use
CTCSS or learn to live with it.

73 <> Carl
K8NHE

==========

jaminge@pb2esac.esac.pacbell.com (John Minger) wrote:
>In article <3114064a.298006117@news.airmail.net>,
>James Long <comptnce@airmail.net> wrote:
>>I'm thinking of buying a Kenwood 733A dualbander, but I'm hearing that
>>its intermod rejection is poor. If true, that could be a problem in
>>the Dallas area. Any comments? I'm also considering the Icom 2350 or
>>2700. Please reply via email. Thanks.
>>
>I have had no problems worth mentioning with intermod on the TM-733A.
>Compared to my TH-78A hand-held radio, the 733A is great!
>I have noticed that the RF environment is critical to which radios work
>well and which ones don't. The 78A was nearly useless in parts of the
>Rapid City, SD area last year. There are problem spots around the
>Los Angeles area too. By comparison, my friend's Yaesu FT-530 had
>intermod troubles too, but in different geographic environments.
>
>In short: borrow a TM-733A and use it in the place you will need it,
>before you commit the cash for a new one.
>
>BTW: one of my old timer friends says the problem most people have is
>cross-modulation, or mixing, and not intermod. Intermod is something
>that happens in transmitters, not receivers. Eh?
>
>Hope this is a help to you.
>73, de KE6DTC, John
>--
>____
>John A Minger KE6DTC Opinions expressed are those of the author
>Los Angeles, CA and not those of anyone or anything else.

2039. Yaesu FT530 BNC Problems

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-07 00:00:00 UTC
From: jwdxt@boco.co.gov
Message-ID: <4fb229$6qs@news-1.boco.co.gov>
Source record: 205979

I have two FT-530s which have both developed a problem with their BNC connectors. New rubber duck antennas and new BNC connectors on my mobile antennas all act the same - POOR. I can drastically improve my signal by pushing the antenna down harder on the BNC connector. I don't see any visible signs of damage or corrosion on the outside of the radios, and a cursory glance inside does not seem to reveal anything out of the ordinary.

Is it normal for BNC's to "wear out"? One of these radio's I bought new about 2 years ago, and the other I bought used and appears to be considerably older. They both developed this problem within a couple of weeks of each other. I admit I use them hard, swapping antennas frequently.

Does anyone have any experience with replacing the radio's BNC assembly, or do you recommend sending it in to Yae$u Repair?

Thanks in advance,
Jim Deeming
KB0MED

2040. Need Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: Ed Hunter <ehunter@miamisci.org>
Message-ID: <3119D185.1B39@miamisci.org>
Source record: 205855

Hi All:

I picked up a Kenwood TM201B 2M at a ham fest but didn't get a manual
with it. I was able to figure out the basics, but would like to get
the manual. I am willing to pay copying/mail for pertinant sections.

If your familiar with the radio, your tips/tricks are welcome <g>.

Thanks and 73

Ed Hunter
KD4MCM
Miami, FL
ehunter@miamisci.org

2041. Re: TTY Machines

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: jsmith@mnsinc.com
Message-ID: <311a60a8.117357515@news1.mnsinc.com>
Source record: 205856

jackl@pinetree.microserve.com (WB3U) wrote:

>I'm thinking about putting a RTTY system together based on a TTY
>machine rather than a computer. I could use some help with this,
>because I'm not familiar with all the mechanisms and accessories
>needed to assemble the system.

The nomenclature used by Teletype Corporation is:
KSR = Keyboard Send and Receive, i.e., no tape
ASR = Automatic Send and Receive, i.e., has tape perf and tape player.

I started my RTTY hobby in 1969 with a model 19 KSR and worked my way up through all the various mechanical printers, including 28's (ASR and KSR) and a model 32 (Baudot) and 33 (ASCII) printer. At the peak, I had 3 model 28KSRs and 1 28ASR. You should be able to get these today for free. (Some people refer to the era of mechanical printers as "steam RTTY.")

Today, my printers are in the basement and my shack has all electronic equipment. I retired my last mechanical printer (a Model 32ASR) about 1985. As I see it, the pluses/minuses are:

Pluses:

You can't match the sound and smell (warm machine oil, paper, ink).
Historical accuracy
Cheap printer (probably free)
Can find a terminal unit at very low cost, such as an old ST-6
Trouble shooting requires a set of spring gauges and feeler gauges, not expensive electronic equipment

Minuses:

Maintenance can be a problem. The machines do require periodic cleaning and adjustment.
Mode limits. You can only do Baudot. (It is possible to do multiple speeds, either with a 3-speed mechanical gear set in a model 28, or with a speed converting TU or external speed converter.) (You can, of course, get an ASCII printer, such as a Model 33 and find a Baudot to ASCII converter.) But the more exotic modes, e.g., PACTOR are out.
Noise
Size
Weight
Consumes paper, paper tape and ribbons. (You can re-ink the ribbon; use NCR cash register ink.)

If you do decide to go mechanical printers, I would look for a model 28ASR. The model 32 machines, while newer, were never the mechanical equal of the 28 series. Too much plastic in the 32/33 line. You might also want to look for a model 28 reperf for recording incoming signals.

Jack Smith K8ZOA

Jack Smith
jsmith @mnsinc.com

2042. heathkit keyer manual/schematics needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: Mark_Downing@GenevaCo.com
Message-ID: <4fdjce$6ed@nikita.intelenet.net>
Source record: 205857

A friend has an old heathkit keyer, and needs a manual and/or schematics. He would be happy to reimburse for the cost of copies.

Please email -> Mark_Downing@genevaco.com

73 de AC6PN
--Mark

2043. Re: US supplier of cheap Nicad packs?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: al bolton <al@boltons.demon.co.uk>
Message-ID: <823817935snz@boltons.demon.co.uk>
Source record: 205858

In article <311A05C9.E3B@moultrie.com>
rzancha@moultrie.com "Ralph Zancha" writes:
> > Does anyone know of a US supplier of nicad packs for the Alinco DJ-G5
> handheld?
> > I'm looking for a good product at a saving on Alinco's prices in the UK. I
> once
> > dealt with a firm called "Mr. Nicad" who supplied some very good packs for my
> > Yaesu and Icom handhelds at a considerable saving on the oem manufacturers
> > price. Unfortunately, I can't seem to find them anymore.

> The company Mr. Nicad is still in business. They go under the name E.H.
> Yost and Company now.
> Here is there Phone number and address.
> 608-831-3443
> E.H. Yost & Company
> 2211 D Parkview Road
> Middleton, WI

> Thanks for your info Ralph. I will get a quote from them. Does anyone know of
other suppliers?

Thanks,

---
al bolton
ok8vsq/om/g4vsq

2044. Need Tek 453 scope manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: wpd@elmgete.raster.kodak.com
Message-ID: <4fdovo$6q6@elmgate.raster.Kodak.Com>
Source record: 205859

Hi

I'm looking for a service manual for a tektronix 453 scope.
I would pay a reasonable fee for a copy of the manual or would
like to know where an original manual may be purchased.

Thanks in advance!

2045. Need Tek 453 scope manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: wpd@elmgete.raster.kodak.com
Message-ID: <4fdp6i$6q6@elmgate.raster.Kodak.Com>
Source record: 205860

Hi

I'm looking for a service manual for a tektronix 453 scope.
I would pay a reasonable fee for a copy of the manual or would
like to know where an original manual may be purchased.

Thanks in advance!

```
+-------------------------------------------------------------------+
| | Electricity is actually made up of extremely |
| Bill DeMatties N2USA | tiny particles, called electrons, that you |
| wpd@raster.Kodak.COM | cannot see with the naked eye unless you |
| | have been drinking. -= Dave Barry =- |
+-------------------------------------------------------------------+
```

2046. Re:Mods for FT-2700RH

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: gary.mckelvie@ukonline.co.uk
Message-ID: <4fdspr$t6m@morse.ukonline.co.uk>
Source record: 205861

Does anyone know of any mods for FT-2700RH for extented receive.
Tnx de Gary GM7USC

2047. Alinco DJ-160 modification(how?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: JDonvn@gnn.com
Message-ID: <4fedat$qu0@news-e2a.gnn.com>
Source record: 205862

Can anyone tell me how to "open-up" the reception freqs on the handheld 2M Alinco DJ-160 and/or to enable transmit on the out-of-band freqs? Thanks.

2048. **** WARNING **** READ THIS!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: n9mxt1@aol.com
Message-ID: <4fdt8u$n34@newsbf02.news.aol.com>
Source record: 205863

WARNING ** WARNING ** WARNING ** WARNING ** WARNING ** WARNING

Have you seen this AD in any HAM RADIO Magazines??

PacketCluster for DXers and Contesters! Multi-user, multi node
networking software features real-time messaging, annoucements, DX
alerts,e/mail, linking, and much more. Up to 64 users can connect to your
node using a radio, TNC and PC or terminal. Hardware also available.

This company is called Pavillion Software.....

For everyones information they don't give any support on the product
that they claim they sell! Also, would you order from a software
company that doesn't even have the money to own a phone!! When,
you call this company all they have is a answering machine that asks
for your credit card number and what software you want.

I ordered though this company and I found out the hard way about
them... they are a bunch or scam artists who say they will send it
right out but never do. I have been waiting over 3 1/2 weeks for
software that was supposed to arrive right away and when you call
the answering machine they don't even return your calls!

I just want to warn all users that you shouldn't deal with these
scam artist and don't get ripped off from them also.

Thanks for your time and
good luck!

Jeffrey -
N9MXT1
If anything changes about my status of my software comming right away I
will let you all know.... but, for the moment nothing is heard from
this so called Pavillion Software.
N9MXT - Jeffrey

2049. Conversion info wtd on TS-130S WARC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: Bill Shinko <Bill.Shinko@cle.ab.com>
Message-ID: <4fdpf7$884@news1.cle.ab.com>
Source record: 205864

I have a TS-130S in great original condition and would like to know
where I can get info regarding mods that will add WARC bands to this rig.
Any help would be appreciated. Please post or email reply to:
Bill.Shinko@ab.com

73,
Bill, WB8KTA

2050. HELP, EFFECTIVENESS OF LINEARS ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: Peter Shintani <shintani@tv.sony.co.jp>
Message-ID: <4fbhqp$k49@oskgw.osk.sony.co.jp>
Source record: 205865

Hi:
I have never used a linear. Some people comments that
a linear dramatically improves the chances of a
successful long distance contact. I've heard that
a going from 100 W to 500 W gives more than
a 2 S unit or higher reading at the receiver.
I guess
that the ionosphere's reflection efficiency is
non-linear with respect to incident power.
I appreciate any and all comments.

Peter

2051. RE:MINTKENWOOD430SOLDSTILLHAVETXV

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: CVEC16A@prodigy.com
Message-ID: <4fdpt4$2264@useneta1.news.prodigy.com>
Source record: 205866

MY KENWOOD 430 IS SOLD BUT I STILL HAVE THE TRANSVERTER
I WILL TAKE 175 OBO THANX FOSTER N1RUB 802-425-3088

2052. Drake SW8 wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: Pat & Adaire Mason <newlife@pixi.com>
Message-ID: <311AC44D.29EF@pixi.com>
Source record: 205867
Cross-posted to: rec.radio.amateur.equipment,rec.radio.shortwave,rec.ham-radio.swap

Aloha, y'all...

I am looking for a reasonably priced Drake SW8. Does anyone out there have one for sale?

I am interested also in finding out the best prices for new SW8s as well.

Does anyone know what kind of internal AM antenna the SW8 has? Is it a ferrite loop? I need to know if I can use my inductive loop with it. Also, how do you like it? (I have a Drake R8 and enjoy it immensely).

Thanks in advance....

Patrick Mason
newlife@pixi.com
Mililani, Hawai`i

2053. Re: Experiences with "Standard" equipment wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: T E I X E I R A <teixeira@ccnet.com>
Message-ID: <4fe1qc$9sr@ccnet2.ccnet.com>
Source record: 205868

I picked up 3 standard 2 meter ht's. They are great. All options included. Event tone squelch which will cost an extra $80 on a Yaesu. Probably the best rec. around. No intermod problems. They were selling at HRO for $200. The only down side is the extras like 12 volt adapter are not so cheap. But you can get generic batteries, chargers and mics from other companies much cheaper.

Don N6FNL

2054. IC 706 Satellite board option

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: bb@tisc.com
Message-ID: <4fd9cv$non@taxis.corp.titan.com>
Source record: 205869

I have seen in the brosure that icom passes out that they have a
satellite board option. What does this do? does it let the radio
duplex/ or cross band split?
also where do you get the service manuals? from your local dealer or
from icom directly
bill
KC6YOX

2055. Re: Info Wanted: NIR-10 vs. NIR-12 DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: n6cr@ix.netcom.com
Message-ID: <4fbrrv$o38@cloner4.netcom.com>
Source record: 205870

In <4f9e5k$1ul8@usenetw1.news.prodigy.com> LAXX43A@prodigy.com (Mike Saville) writes:

> I sold my NIR 10 and got a NIR 12. The advantage of the
>NIR 12 is that all the functions that are on the NIR 10 are available
>concurrently

Not exactly true...I have both a NIR12 and an NIR10 with ver 4 chips. The NIR10 now allows variable dynamic peaking...a very nice feature. The NIR12 has a three position switch for this function on the rear panel. While operating, feel around the back of the unit and try to find it!!!

One more thing...the model 10 has the headphone jack in the front panel and the model 12 has the jack on the rear panel!!! Why? JPS sez no room on the front. Not a good excuse.

Yes, the NIR is a bit better/smoother in the NIR12 and there is more audio gain available. The down-side is the loud buzz/thump when you power-up the model 12. No such problem on the NIR10.

I haven't decided yet which one to keep...

GL/73 de Rick, N6CR in Atlanta

2056. For Sale: Dual Band Amp and Antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: dudink@sisna.com
Message-ID: <31198192.0@news.sisna.com>
Source record: 205871

I have an RF-Concepts 2/70g 25/35 watt dual band amplifier for UHF/VHF, and I have a Diamond SG7900 dual band UHF/VHF antenna for sale. Please email me if you are interested. Thanks. :)

2057. Siemens SHORTWAVE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: radiomatt@aol.com
Message-ID: <4fc5p3$8de@newsbf02.news.aol.com>
Source record: 205872

Model 440xxxxxx covers 1.5 to 30 Mhz in lots of 100kHz wide bands, with a bandspread odometer type dial. l955 vintage DON'T GET EXCITED! IT'S NOT FOR SALE. It powers up fine but only works from 6 to about 8 or 9 Mhz; pretty dead elsewhere.
Radio looks like it was made by Rohde&Swartz (same colors as EK-07 I used to own). Pretty interesting piece, but I'd like it work better. Does anyone have such a radio so we can compare notes? Can I copy your manual? HELP, PLEASE

2058. Re: Indicator bulbs on Dentron amplifier

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: elw@rain.org
Message-ID: <4fc7oi$jat@news.rain.org>
Source record: 205873

In article <31168696.5F5A@arrl.org>, zlau@arrl.org says...
>
>Larry Weaver wrote:
>>
>> Does anyone know of a source for the #333, 12 volt, red and green bulbs used
on
>> the Dentron amplifier to indicate power on and ready?
>
> This is a rather exotic lamp--Newark Electonics sells a
>package of 5 of them for $13.99. Incidentally, they are
>actually 28 volt, 40 mA designs.
>
>Zack KH6CP/1

Thanks Zack and Tom

I got the 12v number from the Dentron manual. Who knows! It belongs to a DX
friend; I'll have to see if he can find out what he has.

73, Larry N6TW
elw@rain.org

2059. Re: Can you explain AM on UHF?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <823770891snz@microvst.demon.co.uk>
Source record: 205874

In article <4fbm9v$ljn@cc.iu.net> wnewkirk@iu.net "Bill Newkirk" writes:

> best guess: scanner is picking up a studio to transmitter link on an image or
> some such thing, with a delay to air at the transmitter.

This sounds unlikely. With the delay placed at the transmitter and a
naughty word on it's way, does the studio then have to make a phone call to
the transmitter to ask someone to bleep it :-(

The idea of a cue link to an o/b unit or traffic helicopter gets my vote.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

2060. 2 meter HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: AXMM03A@prodigy.com
Message-ID: <4fdh4l$33ii@usenetp1.news.prodigy.com>
Source record: 205875

Am studying for my ticket and will probably start out with a 2 meter HT.
Any reccomentations? Cost, of course, is no object.

2061. IC2350 Is there a 869-894MHz mod ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: Larry Smith <Larry@g4oxy.demon.co.uk>
Message-ID: <343044824wnr@g4oxy.demon.co.uk>
Source record: 205876

Has anyone got a mod to fill in the missing frequency coverage
869-894Mhz in the 849-950Mhz band ?
Please post here or e-mail me if you have details

Many thanks
Larry Smith G4OXY

2062. Re: US supplier of cheap Nicad packs?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: Ralph Zancha <rzancha@moultrie.com>
Message-ID: <311A05C9.E3B@moultrie.com>
Source record: 205877

al bolton wrote:
>
> Hello,
>
> Does anyone know of a US supplier of nicad packs for the Alinco DJ-G5 handheld?
> I'm looking for a good product at a saving on Alinco's prices in the UK. I once
> dealt with a firm called "Mr. Nicad" who supplied some very good packs for my
> Yaesu and Icom handhelds at a considerable saving on the oem manufacturers
> price. Unfortunately, I can't seem to find them anymore.
>
> Any help most gratefully received.
>
> ----------------
> al bolton
> ok8vsq/om/g4vsq
> caversham, UK
> ----------------Hello;
The company Mr. Nicad is still in business. They go under the name E.H.
Yost and Company now.

Here is there Phone number and address.

608-831-3443

E.H. Yost & Company
2211 D Parkview Road
Middleton, WI
53562

They are a very reliable company a good place to do business.

73
Ralph Zancha
WC9V

2063. REJECTED: Ham-Equip Digest V96 #81

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Message-ID: <9602090349.BI00026@rtp41.rtp.dg.com>
Source record: 205878

----- Mail rejected by CEO. -----
No Routing Link Available Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V96 #81
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Thu, 8 Feb 96 Volume 96 : Issue 81

Today's Topics:
Advice on Icom 751
Can I modify 8 ch Radius to 16 ch?
Can you explain AM on UHF? (2 msgs)
Computer Control for FT-1000 (2 msgs)
ECG Semiconductors INSTANT CROSS Master Guide
Experiences with "Standard" equipment wanted
For Sale: Yaesu FT-530
For Sale Postings, wrong?
heathkit keyer manual/schematics needed
HELP WITH DUALBAND MOBILE RIGS
HTX-202, HTX-404 external mic mod
HTX-202 discriminator output?
IC-W2A - How much is it worth?
ICOM IC-230
ICOM IC-230 MODIF
ICOM IC-W21AT HT. MODS???
Icom W31 Mods??
Kenwood TM-241A erratic display
LOOKING FOR ADVICE ON CHOOSING A SERVICE MONITOR.
QSK Cookoff
SVETLANA: RUSSIAN 572B's *an opinion*
TUBES SOLD
What ssb rig ????
WTB - ARRL Handbooks
WTB-Traps or multi band trap dipole
Yaesu FT101 Mods

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 07 Feb 1996 18:20:54 -0800
From: John Kendra <johnk@qnet.com>
Subject: Advice on Icom 751

Wayne White wrote:
>
> Being a fairly new ham I am not as familiar with all of the HF rigs out
> there as I hope to become. There is a member of our club who has upgraded
> his station and will soon be selling an Icom 751. I would like any
> information or opinion on this particular radio. I am particularly
> interested to know if it is a good radio for CW work, if it has any known
> inherent inadequacies, is it too much or too little radio for one with
> little experience but high hopes and of course, what is an equitable
> price for a used 751 in good to very good shape.
>
> Any, and all help is greatly appreciated.
>
> 73 de KB0TIJThe IC-751 comes in several variations: IC-751 and IC-751A, the IC-751A
is the newer model. The IC-751A comes in two vairations: with IF shift
and with PBT, the PBT is the newer model. The IC-751/A is a quadruple
conversion receiver and is very good. It comes with a 500 Hz CW filter
so it ready right out of the box. Depending on the model, options, and
condition, between $600 and $800.
73 de John N4LJS

Date: Thu, 08 Feb 96 16:59:04 GMT
From: ecgallup@mlode.com (Ed Gallup)
Subject: Can I modify 8 ch Radius to 16 ch?

I have a couple Motorola 8 ch M208 Radius radios. I read earlier on this
newsgroup that these could be modified to the 16 ch version (M216) by simply
changing the front panel assy. This has been done, but the radio codeplug
will not accept any additional modes beyond 8 channels. What additional work
must be done to enable this mod? I hope the replacement of the entire logic
board isn't required.

Ed WB6SAT ecgallup@mlode.com

Date: Tue, 6 Feb 1996 06:55:19 GMT
From: cv282@FreeNet.Carleton.CA (Mistie Mullarkey)
Subject: Can you explain AM on UHF?

Abraham Stavsky (ag001@lafn.org) writes:
> Over the past several days, I've noticed that my Bearcat 700A
> scanner is picking up a local AM station, KFI (640 KHz) at
> 450.7250 MHz. Given the wide spread between the frequencies,
> I cannot understand what's causing this. It was not a one-time
> "fluke" either - it seems to occur on a regular basis. Moreover,
> the signal on 450.7250 MHz seems to air some 10-20 seconds
> AHEAD of the one at 640 KHz. Any ideas?

Sounds like a studio transmitter link. This of course is FM between the
actual station and the main transmitting antenna.

--
IMMMMMMMMMMMMMMMMMMMMMMMMMMM;
: cv282@freeNET.carleton.CA :
: purdon@ott.ve2sux.ampr.org :
HMMMMMMMMMMMMMMMMMMMMMMMMMMM<

Date: Thu, 08 Feb 96 09:14:51 GMT
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Subject: Can you explain AM on UHF?

In article <4fbm9v$ljn@cc.iu.net> wnewkirk@iu.net "Bill Newkirk" writes:

> best guess: scanner is picking up a studio to transmitter link on an image or
> some such thing, with a delay to air at the transmitter.

This sounds unlikely. With the delay placed at the transmitter and a
naughty word on it's way, does the studio then have to make a phone call to
the transmitter to ask someone to bleep it :-(

The idea of a cue link to an o/b unit or traffic helicopter gets my vote.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

Date: 7 Feb 1996 03:32:14 GMT
From: Jim.Sutton/AC4CZ@ihnp4.ucsd.edu
Subject: Computer Control for FT-1000

Would appreciate any information on computer control of FT-1000

Many thanks,

73/Jim/AC4CZ
jsutton@erols.com

Date: 7 Feb 1996 03:33:08 GMT
From: Jim.Sutton/AC4CZ@ihnp4.ucsd.edu
Subject: Computer Control for FT-1000

Would appreciate any information on computer control of FT-1000

Many thanks,

73/Jim/AC4CZ
jsutton@erols.com

Date: 4 Feb 1996 07:38:09 GMT
From: evincent@mediom.qc.ca (Eric Vincent)
Subject: ECG Semiconductors INSTANT CROSS Master Guide

I have the ECG Semiconductors catalog (Master Replacement Guide) for
Industrial, Commercial and Entertainment and I'm realy interested to get
the software of this guide: (ECG Semiconductors INSTANT CROSS Master
Guide).
The disk price is 9.95$Can. and I don't want to pay for that.
Please help me to find this software on the www.
Thank's!!!
Eric Vincent VE2-VXT
evincent@mediom.qc.ca

Date: 8 Feb 1996 03:53:39 GMT
From: Will Flor <willf@rrgroup.com>
Subject: Experiences with "Standard" equipment wanted

jaccom@ambrosia.knoware.nl (Jacco van Muiswinkel) wrote:
>Hi,
>
>Do you have any experiences with "Standard" equipment. It's so cheap! Is it
>any good still?
>
>
>I'd be glad to hear your findings,
>

Here in the USA Standard prices are about the same as YaeComWoods,
but I've had several and liked them all. The superior IMD rejection
they have is very nice, too.

73 de KB9JTT

Date: Tue, 06 Feb 1996 05:18:19 GMT
From: dbelisle@rocler.qc.ca (Danny Bilisle)
Subject: For Sale: Yaesu FT-530

hsaigh@netzone.com (Cyber Knight) wrote:

>I have an FT-530 handheld dual band for sale, it includes mic and
>external antenna. Im looking for best offer or trade for?

>Thanks!

> -Hani
Hello!
My name is Danny (VE2 DKA) from Quibec,
and i would you trade my Car stereo for your
Handheld.
My stereo is a SONY full logic with a 10 disq
CD changer. I have it since 6 month.
I have pay 900$ Can.
send my a message ! dbelisle@rocler.qc.ca

Date: 6 Feb 1996 12:09:18 GMT
From: dixsau_d@krypton.epita.fr (Damien Dixsaut, F1LQJ)
Subject: For Sale Postings, wrong?

In article <4f0gn0$n39@acme.freenet.columbus.oh.us>, jyazel@freenet.columbus.oh.us
(Jack Yazel) writes:
|>
|> I also thought that this group is a for sale group (the title sounds that way
|> to me.
|>
|> What is the correct use?
|>
I read in the FAQ that this group is NOT for sales or purchases.
The rec.radio.swap group is.

73 de Damien, F1LQJ in Paris, France.

|> W8RAG
|>

Date: Thu, 08 Feb 96 19:37:42 GMT
From: Mark_Downing@GenevaCo.com (Mark A. Downing)
Subject: heathkit keyer manual/schematics needed

A friend has an old heathkit keyer, and needs a manual and/or schematics. He
would be happy to reimburse for the cost of copies.

Please email -> Mark_Downing@genevaco.com

73 de AC6PN
--Mark

Date: 7 Feb 1996 05:24:52 GMT
From: hutchinw@nevada.edu (WILLIAM HUTCHINSON)
Subject: HELP WITH DUALBAND MOBILE RIGS

I am writing this message for a friend who isn't familiar with newsgroups yet. Please send any responses addressed to Richard (N7BDM) his email address is: sallym@pioneer.nevada.edu.

Richard is planing to buy a dual band mobile radio (2M/70CM) in the near future. He has been inactive in the hobby for several years and isn't sure which brand to purchase. Please send any comments you have on first hand experience with the current radios available today.

Thanks and 73.

Date: 6 Feb 1996 08:36:51 GMT
From: SJJK62A@prodigy.com (K Short)
Subject: HTX-202, HTX-404 external mic mod

If you look at the schematic you will note that the internal mic has a
470
pf cap across it. This is cap is for RF bypass . You will note that
the
internal mic has plenty of punch with this cap installed.

Date: 7 Feb 1996 02:23:49 GMT
From: mulveyr@ll.aa2ys.ampr.org (Rich Mulvey)
Subject: HTX-202 discriminator output?

Hello All:

I have an HTX-202 that has apparently lost its audio chain. It transmits, and is apparently receiving (the S-Meter is acting appropriately when it senses a signal. :-) Can anyone point me to where I can tap the output of the discriminator? I presume that I can acquire the audio there, and pipe it to my TNC, indirectly. :-)

Thanks,
- Rich

Rich Mulvey, aa2ys Rochester, NY USA
mulveyr@vivanet.com
aa2ys@net.wb2psi.ampr.org
aa2ys@wb2psi.#wny.ny.us

Date: 7 Feb 1996 21:52:31 GMT
From: Henry Valera <Henry_Valera@ftl03.racal.com>
Subject: IC-W2A - How much is it worth?

I'm probably going to sell my W2A and was wondering what should my asking price be.

Thanks,

Henry.

Date: Tue, 06 Feb 1996 05:12:43 GMT
From: dbelisle@rocler.qc.ca (Danny Bilisle)
Subject: ICOM IC-230

HI it's me again,
MY name is Danny and my e-mail is dbelisle@rocler.cq.ca
If you have any information to put more frequencies on this old 2m
mobile please send me!
Thank you!
73!
Danny, VE2DKA.

Date: Mon, 05 Feb 1996 17:30:33 GMT
From: dbelisle@rocler.qc.ca (Danny Bilisle)
Subject: ICOM IC-230 MODIF

Hello, my name is Danny Bilisle VE2DKA and i would like the modif for
expand the frequencies on this old mobile.The crystal needed.
If you have the instruction manual send me a message !

If you have any information on the IC-230 please send me.

Thank you very much !
73!
Danny, VE2DKA

Date: Tue, 06 Feb 96 01:44:06
From: markstrm@execpc.com
Subject: ICOM IC-W21AT HT. MODS???

I have this ICOM IC-W21AT HT.
Dual band 2 meter and 440.
is there any Mods for it. ???
ie. frequency, split band mod? please email
j.markstrom@ieee.org
thanks
KB8MMA USA

Date: 6 Feb 1996 06:56:06 GMT
From: cweddle@astro.as.arizona.edu (Chris Weddle)
Subject: Icom W31 Mods??

Hi: Anybody have the mod info for the Icom W31? I don't do mods myself. But
being friendly and technically inclined, friends ask me to find things from
time to time. There's nothing at oak.oakland.edu on the radio.

Chris, N7RME
cweddle@as.arizona.edu

Date: 5 Feb 1996 04:19:53 GMT
From: steinr@holmes.ece.orst.edu (Raymond Stein)
Subject: Kenwood TM-241A erratic display

In article <4er7cn$q4u@ixnews7.ix.netcom.com>,
Anthony Giammarino <agia@ix.netcom.com> wrote:
>Has anyone had a problem with an erratic display on the Kenwood TM-241A
>mobile 2M radio ?
>
>The radio has an intermittent problem with the LCD displaying garbage.
>The radio continues to receive/transmit fine. The internal lithium
>battery measures at 3.25V, so I assume it is fine. Resetting the
>radio's microprocessor by holding the MR button down during power up
>does not cure the problem.
>
>I have taken the radio apart, re-soldered connections, re-seated the
>display, etc..., to no avail. I do not have documentation other than
>what came in the manual. I have heard that if the backup battery
>voltage is low, this can cause the problem. The battery seems fine to
>me if the voltage is at 3.25V. It is also soldered down.
>
>Someone mentioned in a recent QST magazine a similar problem but I lost
>the magazine.
>
>Anyone have any ideas? Please e-mail at: agia@ix.netcom.com
>
>Anthony Giammarino - WA6HTF

I had the same problem. I sent the radio to Kenwood for warranty
repair. The problem was apparently a bad transistor, not just in my
radio, but in many of their 241A's. I had a similar problem with my
microphone -- a problem that was inherent with all 241A microphones.

It seems as if Kenwood knows that there are problems with their 241 line,
but will not recall any of them. They just hope that the owners will not
eventually stumble upon them. Then when you call them, they play
stupid. That's what bugged methe most! My $0.01 ($0.02 after taxes).

--

____
*** Ray Stein *** Oregon State University -- ALUMNI ***
*** steinr@ece.orst.edu *** Dept of Electrical Engineering ***
*** N7RET *** http://www.ece.orst.edu/~steinr ***

Date: 4 Feb 1996 16:49:51 GMT
From: cweddle@astro.as.arizona.edu (Chris Weddle)
Subject: LOOKING FOR ADVICE ON CHOOSING A SERVICE MONITOR.

Hi: The sponsor of our repeaters has decided to fund the purchase of a service monitor. I've been asked to go shopping about for one. What we'll be using it for is tuning/repair of 2meter, 1.25meter, 70cm transmitters /receivers, VHF and UHF Public Safety Band portables/mobiles, duplexors, etc...

But what the heck to chose? Suggestions and recomendations, as well as opinions on reasonable prices, are requested. I've briefly used a few IFR's, Waveteks, and Motorolas but that experience is rather **limited**.

Chris Weddle, N7RME
Mt. Lemmon, Arizona
Reply to: cweddle@as.arizona.edu

Date: Wed, 07 Feb 96 03:02:50 GMT
From: jackl@pinetree.microserve.com (WB3U)
Subject: QSK Cookoff

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>And QSK CW is new technology? :-)

I agree. My vintage 1982 Cubic transceiver will work 60 wpm QSK with the best of 'em. So did my $200.00 Novice station back in 1966.

Good QSK has anything to do with age or technology. It's just a matter of whether the manufacturer bothered to do it.

73,
Jack WB3U

Date: Wed, 07 Feb 96 03:04:48 GMT
From: jackl@pinetree.microserve.com (WB3U)
Subject: SVETLANA: RUSSIAN 572B's *an opinion*

gary <design@thereporter.com> wrote:

>I am totally satisfied.

I've heard many, many people on the air say exactly the same thing. My next set of 811A's will also be Svetlana. :)

73,
Jack WB3U

Date: 8 Feb 96 19:24:46 GMT
From: braymer@SunBelt.NET (Bobby Raymer)
Subject: TUBES SOLD

Thanks for all who reply about the box of tubes i listed for sale the tubes are all sold.

from Bobby Raymer AD4HL Algood,Tennessee

Date: 31 Jan 1996 13:13:05 -0000
From: ee95ajm@brunel.ac.uk (Andrew John Murrell)
Subject: What ssb rig ????

Hi,

Now that my 2/70 hand held has just packed up I was thinking about getting
a ssb rig. My first problem is what frequency to get (i'm only a B license
(above 30 Mhz only), and the second is what rig ?

I was hoping to maybe work some dx, so I was thinking about 6m, would I find
much out there (my qth is 12 miles from Gatwick airport (in a valley :{)).

To get the most out of my signal (I can't use 2 much power as I live in a
housing estate), I was thinking of using a beam, would this be the best bet ??

Sorry if these questions sound daft, but i've only ever used ssb at JOTA.

Andy, g7ueh

(before anyone suggests it, i am 'slowly' learning morse, but i need something
to play with in the mean time !!!)

email - ee95ajm@brunel.ac.uk

Date: Wed, 07 Feb 1996 02:18:56 GMT
From: lblades@sover.net (Les)
Subject: WTB - ARRL Handbooks

LOOKING FOR:

Editors and Engineers Handbooks before 1939, and
13 and 14th editions of Editors and Engineers Handbooks

also...

4th Edition (1928) ARRL Radio Amateur's Handbook
14th Edition (1937) ARRL Radio Amateur's Handbook
15th Edition (1938) ARRL Radio Amateur's Handbook
21st Edition (1944) ARRL Radio Amateur's Handbook
67th Edition (1990) ARRL Radio Amateur's Handbook

Must be in very good condition.

Bruce

Date: 2 Feb 1996 01:58:53 GMT
From: Gary Borich <GaryBorich@mail.utexas.edu>
Subject: WTB-Traps or multi band trap dipole

Have a design for building a 40, 30, 20, 15 meter tunable trap dipole
published in Radio Fun last summer. If you're interested let me know
and I will see if I can come up with a reprint for you

Date: 30 Jan 1996 18:04:27 GMT
From: George Rybicki <seryb@lims01.lerc.nasa.gov>
Subject: Yaesu FT101 Mods

Does anyone know about the WARC band mods for the FT101, I found the 30
meter
mod and a reference to the 12 meter mod. What is the 12 meter mod? how
is it done? thanks in advance for any help. 73 George

End of Ham-Equip Digest V96 #81
****

2064. Link Communication Repeater Controllers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: rrc2@engrng.pitt.edu
Message-ID: <rrc2.4.001088D1@engrng.pitt.edu>
Source record: 205879

Anyone using a Link Communication Repeater Controller and would like to join a list Server on the Equipment, contack me, by email.

Rich
WA3QKX

WEB: www.engrgn.pitt.edu/~rrc2

2065. IC-706 & PS-85

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: Kimmo Ahola <ktahola@swri.edu>
Message-ID: <311A983A.657F@swri.edu>
Source record: 205880

I have two simple questions:

Does the "D59 HF transmit mod" open the cross band split?
The lack of cross band split is blocking the use of RS-10
and RS-12 satellites.

I have a combination of IC-706 & PS-85 which works fine except the
quite loud audible noise coming from the two continuously running
cooling fans. Has anyone made/tried/tought any sophisticated
modifiaction to put a thermostat to control the fans?

I will highly appreciate if someone could give some answers.

Kimmo W5/OH3WU

2066. Re: R7100 Modification

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: jjmartin@shore.net
Message-ID: <4fbrjo$qs0@shore.shore.net>
Source record: 205980
Cross-posted to: uk.radio.amateur,rec.radio.shortwave,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,alt.radio.scanner,alt.radio.scanner.uk

>In article <4ejqb8$6e5@news.ios.com>, . says...

>>Ever since ICOM decided to delete the 800 - 900 MHZ coverage from its IC-R7100
>>receiver,

Just fer the record...ICOM didn't just decide to delete the 800-900
MHz coverage from any of their radios. It was our folks in Washington
D.C. who made it illegal to listen to the cellular telephone
frequencies when they modified the Communications Act of 1934.

I believe the cutoff date for the manufacture of equipment openly
capable of receiving cellular freqs is April of 1994.

Just some gee whiz info. :)

Cheeers! jjm

2067. Re: R7100 Modification

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: jjmartin@shore.net
Message-ID: <4fbrjp$qs0@shore.shore.net>
Source record: 205981
Cross-posted to: uk.radio.amateur,rec.radio.shortwave,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,alt.radio.scanner,alt.radio.scanner.uk

Bill Funk <skypilot@starlink.com> wrote:

>Hmmm... If you can buy a new R9000 (since you are in a business that will
>allow you to do so), then you can get an un-restricted R-7100.

The manufacturers will not deliver an unrestricted <Brand New> radio
within the confines of the U.S. unless they are delivering it to a
government agency.

>Me, I'm lucky. I have an older R-7100, full coverage! (No, it's *not* for
>sale!!) :-)

This law sucks!!

jjm

2068. Atlas Radio Co. - failed!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: ecgallup@mlode.com
Message-ID: <4fc0ek$c70@news.wco.com>
Source record: 205982

Any of you following the Atlas Radio debacle over the past year or two will be interested in this. My friend, who has had a fully paid order for the new Atlas radio for over a year, just received a letter from a company called: O. M. Radio . In it a gentleman made a number of statements, which in essence said that Atlas Radio had failed, that this gentleman had loaned Atlas Radio (startup?) money, that after looking at the books he determined that Atlas has failed (my words), and that O.M. Radio Co. is planning on developing an HF transceiver. He furthermore stated that he was "considering" honoring the deposits laid down by former Atlas Radio customers on this new product. He also said they were not taking any (new) orders at this time until a product was developed and ready for shipment.

The above are my words in recalling this letter which I read yesterday.

Ed WB6SAT ecgallup@mlode.com

2069. Re: FT10 Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: GCLL54A@prodigy.com
Message-ID: <4fc0rm$2ro4@usenetp1.news.prodigy.com>
Source record: 205983

Do you have a callsign, or at least a name?

2070. Re: Kenwood Monitor: SM-220

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: hcatlett@iu.net
Message-ID: <4fbh7k$kat@cc.iu.net>
Source record: 205984

SM-220 was made to be used with at least the Kenwood 830. I have one
of each. The -220 is plugged into a connector on the -830 to sample
the IF. I don't think it will work without significant mods to other
receivers and am sur it won't do much by itself. Good luck.
Hugh Catlett
KC4ZWO

rickcrider@aol.com (RICKCRIDER) wrote:

>Anyone familiar with the Kenwood Station Monitor, the SM-220....?
>Production era / age? Made for use with specific Kenwood rigs? Can be
>used as general station monitor with non Kenwood eclectic station setups?
> Approximate value? Thanks. 73
>Rick Crider
>KD4FXA
>Monroe NC

2071. Re: Kenwood TM-241A erratic display

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: hcatlett@iu.net
Message-ID: <4fbhk1$khe@cc.iu.net>
Source record: 205985

steinr@holmes.ece.orst.edu (Raymond Stein) wrote:

>In article <4er7cn$q4u@ixnews7.ix.netcom.com>,
>Anthony Giammarino <agia@ix.netcom.com> wrote:
>>Has anyone had a problem with an erratic display on the Kenwood TM-241A
>>mobile 2M radio ?
>>
>>The radio has an intermittent problem with the LCD displaying garbage.
>>The radio continues to receive/transmit fine. The internal lithium
>>battery measures at 3.25V, so I assume it is fine. Resetting the
>>radio's microprocessor by holding the MR button down during power up
>>does not cure the problem.
>>
>>I have taken the radio apart, re-soldered connections, re-seated the
>>display, etc..., to no avail. I do not have documentation other than
>>what came in the manual. I have heard that if the backup battery
>>voltage is low, this can cause the problem. The battery seems fine to
>>me if the voltage is at 3.25V. It is also soldered down.
>>
>>Someone mentioned in a recent QST magazine a similar problem but I lost
>>the magazine.
>>
>>Anyone have any ideas? Please e-mail at: agia@ix.netcom.com
>>
>>Anthony Giammarino - WA6HTF

>I had the same problem. I sent the radio to Kenwood for warranty
>repair. The problem was apparently a bad transistor, not just in my
>radio, but in many of their 241A's. I had a similar problem with my
>microphone -- a problem that was inherent with all 241A microphones.

>It seems as if Kenwood knows that there are problems with their 241 line,
>but will not recall any of them. They just hope that the owners will not
>eventually stumble upon them. Then when you call them, they play
>stupid. That's what bugged methe most! My $0.01 ($0.02 after taxes).

>--
>____
>*** Ray Stein *** Oregon State University -- ALUMNI ***
>*** steinr@ece.orst.edu *** Dept of Electrical Engineering ***
>*** N7RET *** http://www.ece.orst.edu/~steinr ***

I had the same problems described above in my 241. Mike DTMF crapped
out and the 241 display goes crazy once in a while. I found a place
on the display bezel that, if i push on it with my thumb, it will
clear the problem. Haven't tried to fix it otherwise. Tried to fix

mike and spent 12 bux for new chip...not the problem. Priced a new mike (85 bux) and finally bought a spare for a ham in CA who had his rig stolen. Still have crapped out mike (no DTMF) but everything else worx ok. Anybody got any ideas on how the working class ham can get these fixed???
Hugh Catllett
KC4ZWO

2072. Re: Can you explain AM on UHF?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <4fbm9v$ljn@cc.iu.net>
Source record: 205986

best guess: scanner is picking up a studio to transmitter link on an image or
some such thing, with a delay to air at the transmitter.

In <1996Feb5.203917.10806@lafn.org>, ag001@lafn.org (Abraham Stavsky) writes:
>
>Over the past several days, I've noticed that my Bearcat 700A
>scanner is picking up a local AM station, KFI (640 KHz) at
>450.7250 MHz. Given the wide spread between the frequencies,
>I cannot understand what's causing this. It was not a one-time
>"fluke" either - it seems to occur on a regular basis. Moreover,
>the signal on 450.7250 MHz seems to air some 10-20 seconds
>AHEAD of the one at 640 KHz. Any ideas?
>Thanks,
>Abe, KE6OCM
>
>
>--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

2073. Yeasu CPU-2500R - need opratn. help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: tomk@lute.gcr.com
Message-ID: <4fbpjk$i4n@ukelele.qnet.com>
Source record: 205987

I bought a CPU-2500R used and have no manual. Most is fairly obvious,
but I have a few questions:

What does the Man/Auto toggle do?
What does the Clear/Busy toggle do?
What do the +SFT and -SFT positions on the offset switch do?
On the memory switch, what do "RM" and "KEY" stand for?
What does the button in the top right corner that says "DIL" do?

Thank you
KC4TDG

I will check here if you'd like to mail your answer: tomk@qnet.com

2074. Help looking for a linear

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: Peter Shintani <shintani@tv.sony.co.jp>
Message-ID: <4fbh5m$k49@oskgw.osk.sony.co.jp>
Source record: 205988

Hi:
I am looking for a small to medium size HF linear that can be
used on 100V @50 Hz. I appreciate any comments and advice.
I am currently looking at the Ameritron units, Al-811, Al-80B,
and the Al-800.

PETER

2075. Dentran MT-2000a tuner??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: Bob.Zander@jpl.nasa.gov
Message-ID: <4fdfnd$sf9@lo-fan.jpl.nasa.gov>
Source record: 205989

I just came into possession of a Dentran Radio Co. MT2000A
Antenna Tuner (traded an 11 mtr. radio for it :>). I know
nothing about it. My questions are:
1. Is it for HF only or can it also be used for VHF-UHF?

2. What is the value of this beast?

3. Where might I find a manual?

Thanks for your time...

73 Bob, KE6ZUF

2076. HT and Mobile 2 M For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: Rick Johnson <rick@halls.com>
Message-ID: <31198F2A.296D@halls.com>
Source record: 205990

Ht is ICOM 2AT with 3 battery packs and plug in charger...
Mobile is ICOM 280 with mic and mobile hump mount ...

Both are in good condition. I use a dual band Kenwood and not these two.
Someone can get good use of either one.

The HT batteries are not charged but the unit worked great when I
borrowed another battery pack.

Asking $ 135 for each, or best reasonable offer. Shipping negotiable.

Rick N8HUJ

2077. Experiences with IC2350 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: ubgb@rzstud2.rz.uni-karlsruhe.de
Message-ID: <4fc9lt$lsh@nz12.rz.uni-karlsruhe.de>
Source record: 205991

Hello!
I intend to buy a new uhf/vhf-transceiver. Not wanting to spend that much
money on a FM-transceiver I think the Icom IC2350 would be a good choice.
If anyone wants to give an advice - please send me an email.
Best 73s

--

****
Christen koennen enttaueschen - CHRISTUS NIE !!!
****

Michael Alexander Baldauf +++ eMail ubgb@rz.uni-karlsruhe.de
DL 8 SDN OR Michael.Baldauf@stud.uni-karlsruhe.de
- your mail will be appreciated -

further contact
Michael A. Baldauf
Dammstr. 12 , 74626 Bretzfeld-Scheppach 07946/2800
or just per email (adress see above)

2078. Alinco DJ-G5-comments?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: al bolton <al@boltons.demon.co.uk>
Message-ID: <823775501snz@boltons.demon.co.uk>
Source record: 205992

Hi,

I've just bought an Alinco DJ-G5 handheld and I am quite impressed with its performance (no appalling pager cross mod like my FT530!).

I'm just interested to know other peoples' experiences with this set, especially its reliability.

I'm also interested in obtaining some accessories for it-for example a 7.2 or 9.6v nicad pack but I don't want to pay UK rip-off prices. Can anyone suggest a US nicad supplier who will do these packs at a lower price?

Any help, info or advice most gratefully received!

---
al bolton
ok8vsq/om/g4vsq
caversham, uk

2079. US supplier of cheap Nicad packs?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: al bolton <al@boltons.demon.co.uk>
Message-ID: <823775709snz@boltons.demon.co.uk>
Source record: 205993

Hello,

Does anyone know of a US supplier of nicad packs for the Alinco DJ-G5 handheld? I'm looking for a good product at a saving on Alinco's prices in the UK. I once dealt with a firm called "Mr. Nicad" who supplied some very good packs for my Yaesu and Icom handhelds at a considerable saving on the oem manufacturers price. Unfortunately, I can't seem to find them anymore.

Any help most gratefully received.

---
al bolton
ok8vsq/om/g4vsq
caversham, UK

2080. FRG9600 Recieves HF??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: "Michael G. Reiney" <mreiney@hevanet.com>
Message-ID: <4fckjm$rhr@vista.hevanet.com>
Source record: 205994
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

I've been poking around in my Yaesu FRG9600 receiver. Nominal range is 60-965 MHZ. There's a control line labeled /OPTION. When you ground it, the display tunes from Zero to 999.999 MHZ. This line goes to the connector to a missing and undocumented option. There's a place for another antenna connector also going to this option slot. The BAND module has three extra outputs labeled HF1, HF2 and HF3.
Looks like there might have been an option to extend the coverage down to HF.

Was this option available elsewhere? Can documentation be obtained? Has anyone tried to reverse engineer this and build such an option?

I'm also looking to buy the TV option.
I need the Vacuum Fluroescent display. Mine is busted.

Thanks, Miker
NM7U

2081. Re: HELP, EFFECTIVENESS OF LINEARS ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb8.112755.5220@ke4zv.atl.ga.us>
Source record: 205995

In article <4fbhqp$k49@oskgw.osk.sony.co.jp> Peter Shintani <shintani@tv.sony.co.jp>
writes:
>Hi:
> I have never used a linear. Some people comments that
>a linear dramatically improves the chances of a
>successful long distance contact. I've heard that
>a going from 100 W to 500 W gives more than
>a 2 S unit or higher reading at the receiver.
> I guess
>that the ionosphere's reflection efficiency is
>non-linear with respect to incident power.
>I appreciate any and all comments.

Well, actually the ionosphere can be non-linear with
respect to incident power, but it takes a *lot* more
than 500 watts to get into that region. Going from
100 watts to 500 watts is a power change of 6.99 db,
or roughly 1 S unit and a tad. (A tad is the smallest
detectable signal strength change.)

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2082. Re: HELP, EFFECTIVENESS OF LINEARS ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <823790748snz@microvst.demon.co.uk>
Source record: 205996

In article <4fbhqp$k49@oskgw.osk.sony.co.jp>
shintani@tv.sony.co.jp "Peter Shintani" writes:

> I guess
> that the ionosphere's reflection efficiency is
> non-linear with respect to incident power.
> I appreciate any and all comments.

Before deciding to use enough power to create your own ionization, I
suggest you invest in some lead BVD's. Using 100 to 500 watts into an
antenna not close up and pointing your way will be both safe and linear.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

2083. WTB: MFJ 144/220 Tuner

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: bfleet@mbl.edu
Message-ID: <bfleet-0802960904060001@smac11.mbl.edu>
Source record: 205997

I'm looking for the 144/220 tuner with or without the meter.

fleet@mbl.edu

2084. Re: power supply specs for Alinco DJ-F1T?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: jbarr@MCS.COM
Message-ID: <4fd64e$9ch@Mercury.mcs.com>
Source record: 205998

Daniel M Drucker (dmd@wilde.oit.umass.edu) wrote:

: I'm looking to aquire a power supply for my Alinco DJ-F1T HT.
: Can anyone tell me what I need for this?

: I was told by Ham Radio Outlet than I needed to buy a $40 power supply
: putting out 4 amps. I find this rather hard to believe...

I'm using one of Radio Shack's 12v regulated power supplies with a
home-made cable. I use it primarily to run packet at home. I have had
no problems.

: --

: [Daniel Drucker / dmd@student.umass.edu / N2SXX]

--
-Jim

James W. Barr, N9ONL | Get the shareware version of Geoworks Ensemble at:
Buffalo Grove, IL, USA | ftp://ftp.mcs.com/mcsnet.users/jbarr/GeoPublish
e-mail: jbarr@mcs.com | For IZL programming language for GEOS contact:
| jferas@netaxs.com
--------------[My home page is: http://www.mcs.net/~jbarr]---------------

2085. REQ RDS Demodulator TDA7330

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: se93dlp@exeter.ac.uk
Message-ID: <DMGJ0x.Mu7@exeter.ac.uk>
Source record: 205999

I desperately need an RDS demodulator chip TDA7330 or equivalent to finish my final year project. The supplier has let me down. Does anyone have one or know anyone who can help? Please let me know!

2086. Re: Can you explain AM on UHF?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: jlkolb@sd.cts.com
Message-ID: <4fd8p5$cdt@news3.cts.com>
Source record: 206000

Abraham Stavsky (ag001@lafn.org) wrote:

: Over the past several days, I've noticed that my Bearcat 700A
: scanner is picking up a local AM station, KFI (640 KHz) at
: 450.7250 MHz. Given the wide spread between the frequencies,
: I cannot understand what's causing this. It was not a one-time
: "fluke" either - it seems to occur on a regular basis. Moreover,
: the signal on 450.7250 MHz seems to air some 10-20 seconds
: AHEAD of the one at 640 KHz. Any ideas?

Sounds like you are picking up the UHF link between the studio and
the transmitter site.

John Kolb KK6IL jlkolg@cts.com

2087. Can I modify 8 ch Radius to 16 ch?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: ecgallup@mlode.com
Message-ID: <4fda40$ka@news.wco.com>
Source record: 206001

I have a couple Motorola 8 ch M208 Radius radios. I read earlier on this newsgroup that these could be modified to the 16 ch version (M216) by simply changing the front panel assy. This has been done, but the radio codeplug will not accept any additional modes beyond 8 channels. What additional work must be done to enable this mod? I hope the replacement of the entire logic board isn't required.

Ed WB6SAT ecgallup@mlode.com

2088. Re: Kenwood TS940sat

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: k6eid@avana.net
Message-ID: <NEWTNews.823822866.17159.k6eid@k6eid.avana.net>
Source record: 206002

Sergei

I have had one of these since 1984 and am vy pleased with
it. I use it on all modes, cw, ssb, fm, rtty, and it works
great.

73, Phil

2089. WTB R1051B manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: jackg@xetron.com
Message-ID: <DMGvFG.JKB@xetron.com>
Source record: 206003

Hi,

I am looking for an R1051B receiver maintenance manual.
Please email or call 513-683-2676 evenings.

Jack Giehl, WB8BFS

2090. TUBES SOLD

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-08 00:00:00 UTC
From: braymer@SunBelt.NET
Message-ID: <9602081924.AA01379@news1.sunbelt.net>
Source record: 206004

Thanks for all who reply about the box of tubes i listed for sale
the tubes are all sold.

from Bobby Raymer AD4HL Algood,Tennessee

2091. Re: Glass Mount Antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: Bill Kirk <billk@conic.loral.com>
Message-ID: <4fg337$o69@wdl1.wdl.loral.com>
Source record: 205805

I have used both the Comet and MFJ, and agree that the performance of the Comet is superior to the MFJ, at least in my application. I was able to get the VSWR down to 1:1, and hold it over varied condx. The ground for both is all important!

2092. IC-2000 microphone connector FAQ (here it is!)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <4fg5f0$3r3@abyss.West.Sun.COM>
Source record: 205806
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

Here's a little contribution to those with IC-2000s. I've crossposted
to rec.radio.amateur.digital.misc for those wishing to connect a
1200 baud TNC to the IC-2000.

Please send me updates or corrections...

The IC-2000(H) microphone connector FAQ
Version 0.1 2/9/96
Maintained by Dana.Myers@West.Sun.Com

I found the following information in the IC-2000(H) service manual;
I haven't actually connected to this jack on my IC-2000H other than
the Icom microphone, so your mileage may vary.

Pins are numbered from left to right, viewing the front of the radio.

Pin
1 +8V from radio to microphone (low current capability)
2 Up/Down from mic to radio
3 Audio output from radio
4 PTT to radio (pull to ground to transmit)
5 Microphone return (grounded)
6 Microphone (input to radio)
7 Ground
8 Not connected

Notes:

* The +8V source looks like it is intended to run the DTMF encoder in
the standard Icom microphone. I wouldn't draw more than 10mA or
so from this pin.

* The up/down signal appears to be an analog input; the service manual
says "Up: 5.0V, Down: 0.0V, Off: 5.0V", but I believe this is an error;
I suspect it is more like 5.0V for up, 0V for down and 2.5V for off,
but I haven't measured it yet. Under no circumstances exceed 5V
on this line, since it is connected to the embedded microcomputer,
and make certain to include some series resistance, say 1k.

* The audio output is a fixed level, de-emphasized signal, it looks
like it will drive loads down to 600 ohms, though I'd suggest the
higher the impedance, the better. This should just connect directly
to the input of most 1200 baud TNCs for packet; it is not usable
for 9600 baud.

* The microphone impedance is specified at 600 ohms.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *

2093. Wilson 2m HT xtals

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: lwamst@most.fw.hac.com
Message-ID: <DMIq7t.MAo@most.fw.hac.com>
Source record: 205807

Can anyone help me determine what kind of xtals I need for a small Wilson 2m HT? The unit has had the case changed, and I have no manuals, so have been unsuccesful in finding specs for xtals.
The case is marked Wilson Electronics, Inc., Las Vegas, NV Model MH-400 UHF handheld radio, but I do know that it is really a VHF 6 channel crystal HT.
Any help or suggestions will be appreciated. WB9BAT

2094. Re: Which Filter is best?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: Bill Kirk <billk@conic.loral.com>
Message-ID: <4fg3c3$o69@wdl1.wdl.loral.com>
Source record: 205808

In my experience, the DSP is the way to go. We have incorporated this feature in several sophistcated radios, with superior results.

2095. Need MARS mod for ICOM 737

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: mfp@aros.net
Message-ID: <4fg4vl$hof@news.aros.net>
Source record: 205809

Please, anyone?? Haven't seen any over the past few years...
Marc

2096. Re: 8875/8874/MLA2500

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: USCG TELECOMMS <gttm@cais.cais.com>
Message-ID: <Pine.BSI.3.91.960209135704.1976A-100000@cais3.cais.com>
Source record: 205810

On 9 Feb 1996, Robert wrote:

> Anyone tried using a 8874 in place of the 8875??
> in any amplifer
>
The 8875, as used in the MLA-2500, is cooled by air blowing across the tube without the use of chimneys. The 8874 is cooled by using a chimney with a pressurized chassis. Unless the 8874 is cooled in this manner it would not last very long. There is also another version, the 8873, which is conduction cooled; this tube was used by Heath in the SB-230 amplifier many years ago. All of these tubes are in the same price class, about $350 a piece. As far as electrical characterics are concerned, they are all the same, the only difference being the external anode structure.

Ron, W4VR

2097. Re: IMD resistant rigs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: Paul Moller <Paul_Moller@csg.mot.com>
Message-ID: <311B98F9.38D1@csg.mot.com>
Source record: 205811

Will Flor wrote:
>
> > daniel@pandora.lugs.po.my (Daniel Wee, 9V1ZV) writes:
> > Can anyone recommend a good IMD resistant rig for 2M (and
> > possibly dual bander with 70cm) I noticed that Kenwood rigs
> > are particularly bad. Is this a valid observation? How do
> > other makes compare? Thanks.
>
> Standard (Marantz) has always claimed excellent IMD rejection for their rigs. As an
> owner of several Standards, icluding two C5718DA 2m/70cm, I can attest to the truth of
> this claim. I live on a high hill, the very top of which is the highest point in the
> Milwaukee area. Within three miles are literally about 60 repeaters, for everything
> from 6m ham to 800 MHz public service, and everything in between. Also two cell sites,
> quite a few pager towers, several commercial broadcast towers, and a military
> communications facility, complete with a camouflaged communications tower (it gets "top
> billing" as the very highest structure in the Milwaukee area, BTW.) In other words, a
> really, really IMD-prone area. I have yet to experience *any* IMD with any of my
> Standards - not even once - except on the 900 MHz band, which does get IMD from the
> really-close cell site (under a mile.) Luckily, the 900 MHz miltary radar facility
> that used to adorn my hill (across the street from the place with the camouflaged
> tower) is now a city park, along with the Nike missile launching facility at the
> hill's bottom. I can only shudder to think of the interference *that* would cause.
>
> 73 de KB9JTT
> -Will from Wisconsin
> willf@rrgroup.com

Yes, but does the QST review of rx IM indicate Standard (Marantz ??) as
being the best?

2098. Re: Dentran MT-2000a tuner??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb9.191944.13079@ke4zv.atl.ga.us>
Source record: 205812

In article <4fdfnd$sf9@lo-fan.jpl.nasa.gov> Bob.Zander@jpl.nasa.gov (Bob Zander) writes:
>I just came into possession of a Dentran Radio Co. MT2000A
>Antenna Tuner (traded an 11 mtr. radio for it :>). I know
>nothing about it. My questions are:
>1. Is it for HF only or can it also be used for VHF-UHF?

HF only.

>2. What is the value of this beast?

Well we know at least one person who swapped an 11 meter rig for one. :-)
But seriously, this is a pretty good tuner, and is probably worth
about $100-$200.

>3. Where might I find a manual?

Manual? You don't need a manual (and Dentron's manual was useless anyway).
Its operation is self-explanatory. Just peak the inductor for maximum
noise on receive, and adjust the capacitors for lowest SWR and highest
forward power when transmitting. (You may have to change the inductor
setting one step one way or the other from maximum noise to get best
output and SWR. Don't switch the inductance under drive.) When you find
good settings for each band *write them down*, and it'll be a lot easier
to get back to them when you use that band again.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2099. Re: Wanted manual for Microwave M Xverter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb9.192433.13164@ke4zv.atl.ga.us>
Source record: 205813

In article <4fe8em$50n@news.cis.okstate.edu> Gordon Couger
<gcouger@master.ceat.okstate.edu> writes:
>I have Microwave Modules 144 MHz linear transverter SN# 18829xx. It appears
>to have ben made in 1988. I need the manuals or at least the power input
>on ten meters.

5 mW.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2100. Re: HELP, EFFECTIVENESS OF LINEARS ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: Tom Pfaffenbach <tvpfaffe@mail.delcoelect.com>
Message-ID: <4fg8ks$obd@kocrsv08.delcoelect.com>
Source record: 205814

Hi Peter;

Doubling your power will only give a 3dbm increase. That is basic Physics. dbm = 10 log p1/p2.
dbv = 20 log v1/v2. The path loss is a complex function, but the ionosphere is not affected by
the incident power level from an amateur signal.

As far as "S" readings are concerned, about all that can be said, is that they will increase
somewhat when the amplifier is turned on.

The single most important factor in radiating a good signal is having a good antenna. The "soft
side" of all of this, is that if you have an amplifier which dims the lights when you throw it
on-line, and throws off a lot of oily hot air from its' cooling fan, and has 4-1000 tubes with
the plate glowing almost yellow white, and old 972 mercury rectifiers flashing blue light with
your voice peaks, you personally, will feel a bigger thrill from the hobby!

Happy DXing! 73 - K9JDU

2101. New FT40 audio only clear in 1/2 Deviation??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: knappsm@crablegs.cig.mot.com
Message-ID: <4fgc7r$6u5@newdelph.cig.mot.com>
Source record: 205815

Hello,

I just got a new FT40 and like it very much. Last night I was talking to a friend and he said the audio sounded distorted and overmodulated. I was not talking too loud and had moved the radio 3 ft from my mouth, but he still said the audio sounds poor. So I tried the half deviation mode (menu -22-) and that cleared the problem right up.

Should I be concerned that my radio is out of spec? Or is this normal?

Steve
--

Steven M. Knapp Motorola Inc, CIG
1501 W Shure Dr. IL27-3227AR
Mail: knappsm@cig.mot.com Arlington Heights, IL 60004 USA

2102. FOR SALE: IC-24AT Dual band HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: Justin DeFouw <j_dogg@grfn.org>
Message-ID: <311BDE0A.2F0E@grfn.org>
Source record: 205816

For sale: IC-24AT Dual band HT 2m/70cm. Comes with: a 5w and a
1.5w battery; One hour desk top quick charger, and a trickle charger.
Specs: Full Duplex beteen 2m/70cm & vs. All PL Tones. 40 Memory channels.
Four DTMF Memories.
Receive - 110-127; 140-190; 400-499; 800-950 MHz
Transmit - 140-150; 440-450 MHz

Location: Grand Rapids MI

With everything $350 OR Best offer
E-Mail; j_dogg@grfn.org if you have any questions or for offers.
Justin DeFouw

2103. Re: Wilson 2m HT xtals

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4fgbr9$ghi@news.ccit.arizona.edu>
Source record: 205817

lwamst@most.fw.hac.com (lwamst) writes:
>Can anyone help me determine what kind of xtals I need for a small Wilson 2m
>HT? The unit has had the case changed, and I have no manuals, so have been
>unsuccesful in finding specs for xtals.
>The case is marked Wilson Electronics, Inc., Las Vegas, NV Model MH-400 UHF
>handheld radio, but I do know that it is really a VHF 6 channel crystal HT.
>Any help or suggestions will be appreciated. WB9BAT

Hi: I know that some crystal makers can take a crystal for whicvh you know
the resulting tx/rx frequency, and figure out how to spec crystals for
another resulting tx or rx frequency. There's quite a few outfits out there,
the one I'm familiar with is JAN Crystal at 1-800-JAN-XTAL.

Good luck,
Chris - N7RME

2104. FT40/10 'SFT -24-' option (Yaesu Service)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: knappsm@crablegs.cig.mot.com
Message-ID: <4fgg29$7f8@newdelph.cig.mot.com>
Source record: 205818

Hello,

I noticed this option on my new FT40 in the menu it's called 'SFT
-24-'. The manual refers to this as Yaesu Service and that I should
keep it off.

Any ideas what this does?

Steve

--

Steven M. Knapp Motorola Inc, CIG
1501 W Shure Dr. IL27-3227AR
Mail: knappsm@cig.mot.com Arlington Heights, IL 60004 USA

2105. Re: YEASU FTV-707 Transverter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: K6EID <k6eid@avana.net>
Message-ID: <NEWTNews.823913721.1536.k6eid@k6eid.avana.net>
Source record: 205819

I have a like new FTV-707 transverter with the 6 meter and
2 meter modules. Asking $350/OBO.

I used it with my FT-757GX. Technical info follows:

The transverter works on all the modes of the HF rig
and there are modules for 50, 144, and 430 mHz. It can
operate satellite modes with full duplex operation
between 28, 144, and 435 mHz. It includes repeater
splits on all repeater bands. It permits use frm
50-54 mHz, 144-148 mhz, and 430-440 mHz. It's power
input is 20 watts on SSB and CW and 5 watts on AM/FM.
Its input range is 28 to 30 mHz.

The only interconnections
between the HF rig and the transverter are a phono
connector cable frm an RF output jack on the HF rig ,
the DC power cord and a coax from the HF antenna 259
connector to the transverter. Appears that it
might work on any rig that has those kind of
connections. The RF output jack on the 757 provides a
low level RF output from an early stage of the xmtr. Power
level is about -6 dBm (0.1 Vrms) at 50 ohms.

2106. Microphone/Speaker Plug for FT-10R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: byoung@qni.com
Message-ID: <4fgj7q$b5s@suba01.suba.com>
Source record: 205820

Folks,

I've got a nice, new FT-10R that I'm *VERY* fond of...

My only problem is finding the "oddball" plug for the
microphone/speaker jack so that I can wire up a TNC
and a second-hand spreaker/mic.

It's a 3.5mm four conductor mini phono plug. I've tried
my local vendors, a number of catalogs, and (believe
it or not!) Yaesu themselves. Nobody has the part.

Suggestions?

Bill Young
byoung@qni.com
KB0UZQ

2107. Re: Modifications for FT2700RH

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: Alan Raskind <alan.raskind@trw.com>
Message-ID: <311BD400.4AF5@trw.com>
Source record: 205821

gary.mckelvie@ukonline.co.uk wrote:
>
> Does anybody know of any modificatios for the ft2700 to give extended receive.
>
> tnx 73`de Gary GM7USC

Many years ago I modified a Yaesu RH2700 for extended receive. All I got for my trouble was to extend 2M up to 153.40MHz. 440 didn't go extend as I remember. The mod was to re-locate some diodes in the front panel control board which was a bitch (as I remember). The one thing that I do remember was after it was all done, it wasn't worth it. Way too much work for way too little gain.

'73 de Alan WA6AQC

2108. HICKOK 752 TECH SERVICE MANUAL WANTED - hickman.001 [1/1]

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: l.mclaughlin@popmail.csuohio.edu
Message-ID: <4fgkfc$f6o@csu-b.csuohio.edu>
Source record: 205822

Does anybody have a copy of a factory/technical service manual for a Hickok 752 tube tester? If so, I would like to purchase a photocopy of the manual. Kindly email me with what you have and your price for a photo copy of the manual.

Thank you.

2109. FS Motorola Control Head and Mic (NEW in the box)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: mercury@metronet.com
Message-ID: <311BD770.2AB6@metronet.com>
Source record: 205823

Control Head TCN-6026BE-2 and Matching Microphone TMN-6013A

These are for the MOCOMM-70 and are brand new in the box.

Looking for offers.

73 Charles N6MIT in Dallas, TX

2110. Yaesu FT5100 or Icom 2350H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: toast@aol.com
Message-ID: <4fgoe6$n9g@newsbf02.news.aol.com>
Source record: 205824

Need info or comparison of these two radios. (which is best)

Please reply to: toast@best.com or toast@aol.com

2111. Re: 82 Repeater in Kansas City, TXxID-1

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <4fgm3h$7n3@abyss.West.Sun.COM>
Source record: 205825
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc

In article <dbaker.125.000C1511@mail.bcpl.lib.md.us>,
Donald I. Baker <dbaker@mail.bcpl.lib.md.us> wrote:
>In article <DMDLpI.Iv@pe1chl.ampr.org> rob@pe1chl.ampr.org (Rob Janssen) writes:
>>From: rob@pe1chl.ampr.org (Rob Janssen)
>>Subject: Re: 82 Repeater in Kansas City
>>Date: Tue, 6 Feb 1996 22:41:41 GMT
>
>>In <4ete1q$b0o@bcarh8ab.bnr.ca> ddenter@bnr.ca (Dean Denter) writes:
>
>>>Every radio has a "unique" pattern when you key it (due to differences
>>>in the components etc), this pattern can be used to identify a radio.
>>>There is no encrypted signal or anything that fancy.
>
>>I have my doubts about the uniqueness of the pattern generated by
>>same-type transmitters... and the stability of the pattern as a
>>function of temperature, time etc.
>>But it seems another sub-thread starts to discuss this.
>
>>Rob
>>--
>>+-----------------------------------+--------------------------------------+
>>| Rob Janssen rob@knoware.nl | BBS: +31-302870036 (2300-0730 local) |
>>| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
>>+-----------------------------------+--------------------------------------+
>Lots of ways exist to "fingerprint" transmitters. One such Ham class product
>is the
>
>TxID-1 from Motron Electronics in Eugene, Oregon. It works well. The
>hardware is GREAT and the software protion is ok.
>
>Basically (without re-describing the whole world):
>
>When radios are first keyed up they each have a unique "ramp-up" to full power
>and frequency stability.

Since the Motron TXiD system connects to discriminator output, it is
only sensitive to variations in carrier phase/frequency, and
insensitive to variations in amplitude.

>Gine Motron a call and they will send literature. I believe they sell a full
>manual for $10.00 which has both a good technology description as well as the
>usual "how to use theirs" stuff.

I had an excellent chat with Don Moser of Motron on this topic, and he mentioned his new web page: http://www.motron.com.

Bottom line is: not every radio is certain to have a unique ID, TXiD is a very powerful tool as part of evidence collection but can not be treated as infallible.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *

2112. FT-10R ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: vvv@radio.stack.serpukhov.su
Message-ID: <4fep9l$6o2@ns.serpukhov.su>
Source record: 205826

Hello!

I have buy a new FT-10R. Radio come with the 15hour compact charger BC-60C
and the FNB-41 battery.

In manual I not find enough information how do charging with BC-60 and
how to use external supply for save battery ?

I read (p.62) - remove battery for charging with NC-60.
^^^^ I think it's misprint
and must be read - with NC-50

Can you comment my next opinion:

Charging:

Connect BC-60 to EXT DC jack on radio. IMHO I must do charging battery when
radio is _turn-off_only_ ?

Operation with external (5-12V, 1.5A) power supply:

Remove battery, connect external power supply jack to EXT DC on Radio.
But it's not very comfortable to use radio with open back site..?
If necessary to remove battery for operate with external power supply,
why I not find in an accsessories list a cover for close a back site of radio ?

If possibly to use external supply and do not remove battery, then DC come on
battery, that IMHO is not good.

I'll be thankful for any information. 73! de RX3DIN Victor
PSE answer via E-Mail: vvv@radio.stack.serpukhov.su
---
http://www.stack.serpukhov.su/~victor/hamradio/

2113. Re: **** WARNING (re:Packetcluster)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: Tom Skelton <Tom.Skelton@ColumbiaSC.ATTGIS.COM>
Message-ID: <DMJ0zq.EBD@ncrcae.ColumbiaSC.ATTGIS.COM>
Source record: 205827

>==========N9MXT1, 2/8/96==========
>
>WARNING ** WARNING ** WARNING ** WARNING ** WARNING ** WARNING
>
> Have you seen this AD in any HAM RADIO Magazines??
>
> PacketCluster for DXers and Contesters! Multi-user, multi node
>networking software features real-time messaging, annoucements, DX
>alerts,e/mail, linking, and much more. Up to 64 users can
>connect to your
>node using a radio, TNC and PC or terminal. Hardware also available.
>
> This company is called Pavillion Software.....
>
> For everyones information they don't give any support on
>the product
>that they claim they sell! Also, would you order from a software
>company that doesn't even have the money to own a phone!! When,
>you call this company all they have is a answering machine
>that asks
>for your credit card number and what software you want.
>
> I ordered though this company and I found out the hard way about
>them... they are a bunch or scam artists who say they will send it
>right out but never do. I have been waiting over 3 1/2 weeks for
>software that was supposed to arrive right away and when you call
>the answering machine they don't even return your calls!
>
> I just want to warn all users that you shouldn't deal with these
>scam artist and don't get ripped off from them also.
>
> Thanks for
your time and
>good luck!
>
>
Jeffrey -
>N9MXT1
>If anything changes about my status of my software comming right away I
>will let you all know.... but, for the moment nothing is heard from
>this so called Pavillion Software.
>N9MXT - Jeffrey

It's a shame that Jeffrey feels this way about the company, and if I were in his shoes I probably wouldn't disagree. Dick Newell, AK1A (designer of packetcluster {tm} software and company owner) used to run a tight ship. I used to be a packetcluster sysop, and got a high quality product from them -- software and manual. As a guesstimate, there are probably over 200 packetcluser (tm) nodes in operation in the US and maybe that many overseas. It is my understanding that Pavillion software (AK1A) and CT software (K1EA) merged under "Harvard Radio." I have been told that packetcluster (tm) is no longer being supported, and either is in the process or has been transferred to a Canadian venture. CT software is still on the market, but there are rising complaints about a similar lack of service. More opinion: these gentlemen found their 'hobby' software products grow by leaps and bounds over what their 'commercial' software products were growing and were unable to justify much support for the lower margin hobby products. HOWEVER, when you have several thousand users, and a level of dedication to your hobby and the software users, it is hard to just simply pull the plug. As an aside, I have seen some software developed by a ham in Finland (I hope I have his country right) that will play in a network with packetcluster (tm) and is in the beta test phase now. This should be a viable alternative to packetcluster (tm) software.

In summary, I understand how Jeffrey feels but to call pavillion software, packetcluster (tm), etc a scam is simply not true. Shockingly, they may be in the middle of a major upgrade (this would surprise me) and are waiting until they have finished testing. ??? I really don't know. The only statement that I believe may be warranted is that the level of service has dropped to an unacceptable level and does not justify purchase of the product at this time. It is a SEVERE problem that Jeffrey has received neither his software or a reason for the delay.

73, tom WB4iUX
(WB4iUX@AOL.COM)

2114. FOR SALE -- SHURE 450 DESK MIC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: AA4FM/0 <debral@falcon.cc.ukans.edu>
Message-ID: <1996Feb9.195001.113686@kuhub.cc.ukans.edu>
Source record: 205828

SHURE MODEL 450 desk mic

Good, working condition with some scratches.

The 450 was selling new in a 1993 Newark Electronics catalog
for approx $112.

$35 C.O.D. POSTPAID (or offer?)

Bill
AA4FM/0

2115. Re: HELP, EFFECTIVENESS OF LINEARS ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4fh8d8$5u@newsbf02.news.aol.com>
Source record: 205829

>Hi:
> I have never used a linear. Some people comments that
>a linear dramatically improves the chances of a
>successful long distance contact. I've heard that
>a going from 100 W to 500 W gives more than
>a 2 S unit or higher reading at the receiver.
> I guess
>that the ionosphere's reflection efficiency is
>non-linear with respect to incident power.
>I appreciate any and all comments.

Hi Peter,

The reason a small change in power makes a larger than expected change in S meter reading is because S meters are not calibrated to any real standard. There was an attempt to standardize metering at 6 dB per S unit many years ago, but it never caught on. Most S meter scales are now "plotted" at 5 dB per S unit, but the receivers are calibrated for less than that value...usually around 4 or so dB per S Unit

For an example of this, look at Drake or ICOM. They had the meters made for a 5 dB S unit. I just looked at the S meter alignment for a Yaesu. With a 94 dB signal change the S meter is adjusted to move from S1 to S9 +60 dB. That's 4.25 dB per S unit, if it's all is perfect in the "dB" area of the scale!

The ICOM 751A alignment results in around 4 dB per S unit, although the meter scale is set for 5 dB (like Drakes).

AGC voltage tracking also changes from band to band, rig to rig, and even from weak to strong signals.

When I shut my 1500 watt amp off, people usually tell me I drop 20 dB! But the amp only has 12 dB of actual gain! My 1500 watt to 90 watt power change "looks like" a change from 10,000 to 100 watts because of the way meters are calibrated. S meters are designed to make us feel good, not to tell us the truth.

73 Tom

2116. Re: HELP, EFFECTIVENESS OF LINEARS ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: Cecil Moore <cmoore@sedona.intel.com>
Message-ID: <4fg3vd$8ru@chnews.ch.intel.com>
Source record: 205830

Peter Shintani <shintani@tv.sony.co.jp> wrote:
>I've heard that going from 100 W to 500 W gives more
>than a 2 S unit or higher reading at the receiver.

Hi Peter, how many 'S' units of improvement depends on the 'S' meter calibration of the receiver and it is not standardized so what you heard could be both true and false.

When I went from 100w to 600w, it made an almost unbelievable difference partly because of the power increase but also because I was forced to match my antenna system better than before. The improved matching gained me 2 'S' units and the increased power gained me another 2 'S' units measured on N5AQM's receiver.

My advice is to optimize the antenna system first and then decide whether one needs additional power. I often don't need the amp since I optimized my antenna system.

73, Cecil, KG7BK, OOTC (not speaking for my employer)

2117. Re: heathkit keyer manual/schematics needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: cropley@cbnews.cb.att.com
Message-ID: <4ffkd1$fpv@nntpa.cb.att.com>
Source record: 205831

>In article <4fdjce$6ed@nikita.intelenet.net>,
>Mark A. Downing <Mark_Downing@GenevaCo.com> wrote:
>A friend has an old heathkit keyer, and needs a manual and/or schematics. He
>would be happy to reimburse for the cost of copies.
>
>Please email -> Mark_Downing@genevaco.com
>
>73 de AC6PN
>--Mark
which model???? I have manual for one, looking for the manual
for another Heathkit key I have.

Andy Cropley
KG2AQ

2118. Re: Ham Radio Trader

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: ej.johnson@digcir.cts.com
Message-ID: <960209160539731@digcir.cts.com>
Source record: 205832

HF}}Subject: Ham Radio Trader

HF}}How do I find out about this publication? Does anyone have an address for
HF}}them? Harlan WB7OWF

Amateur Radio Trader's address is 410 W 4th st.
p.o.box 3729
Crossville,Tn 38557

I Don't Know If this is what you wanted or not!

73 de N6oid
EJ!
---
* OLX 2.1 TD * "Not tonight baby.....I have a modem."

2119. 8875/8874/MLA2500

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: w5robert@blkbox.COM
Message-ID: <9602081803.aa17530@blkbox.COM>
Source record: 205881

Anyone tried using a 8874 in place of the 8875??
in any amplifer
--
73 Robert WB5CRG w5robert@blkbox.com

2120. Re: HELP WITH DUALBAND MOBILE RIGS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: Paul Moller <Paul_Moller@csg.mot.com>
Message-ID: <311B9744.79CE@csg.mot.com>
Source record: 205882

WILLIAM HUTCHINSON wrote:

> Richard is planing to buy a dual band mobile radio (2M/70CM) in the near
> future. He has been inactive in the hobby for several years and isn't sure
> which brand to purchase. Please send any comments you have on first hand
> experience with the current radios available today.
>
> Thanks and 73.

I just read several reviews and purchased the Alinco DR-610. Yes I know that Alinco does not have a big following, but when I looked at what I consider important, Alinco won. For example: I mount the head on the center console and the multiple level function buttons can often become difficult in a mobile. But the 610 ilimunates the name of the activated function level. Second, the mic is simple, it is a mic. Many of the others have put so many features on the mic that it is difficult to hold or to find the button you want. The Yaesu was notible in that there are NO buttons (only one knob) on the front head. This could be used to the advantage that the head is then mounted on top of the dash directly behind the steering wheel so as to be nearly a heads up display. It can then be dimmed so as to not be obtrusive at night, and one then NEVER has to touch it, only controll from the potato mic. But, the dash gets blasted by the sun and I worry about theft with it being so visible.

Lastly, when you look at the QST reviews for specs, the 610 clearly shows one of the better (best?) receivers. As for 9k6 packet performance, I frantly don't think any of the rice box radios are there yet, and I don't plan to use the 610 for 9k6 baud. If you want true 9k6 performance, I suspect that the extra bucks for Azden is worth it, but then you loose small size and feature.

As for Alincos spectum scope...beware that it is performed by the radio literly scanning those channels, thus interupting the disired channel. This may be useful in some conditions, but fortunately is easily turned off!

2121. Wanted manual for Microwave M Xverter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: gcouger@master.ceat.okstate.edu
Message-ID: <4fe8em$50n@news.cis.okstate.edu>
Source record: 205883

I have Microwave Modules 144 MHz linear transverter SN# 18829xx. It appears to have ben made in 1988. I need the manuals or at least the power input on ten meters.

Thanks
Gordon AB5DG
Gordon Couger
Biosystems & Agricultural Engineering. 114 AG Hall Stillwater, OK 74075
gcouger@master.ceat.okstate.edu 405 744 8392 day 625-2855 evenings

2122. Kenwood 241

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: Thomas Martin <tmartin@teclink.net>
Message-ID: <4febjr$t55@felix.teclink.net>
Source record: 205884

I have a kenwood 241 with the old and infamous display problem.
The display goes haywire every once in a while. The radio has
been out of warranty for quite a while now and I hate to send
it in for repair.

Does anyone know what causes this problem and how to repair it.
I feel I could replace what ever the part is that is bad or
what ever the case may be if I can find out what it is.

Thanks for any help.

Thomas Martin
N5ZNO

2123. Needed: Midland 13-505 Manual and Crystals

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: gary@cdsnet.net
Message-ID: <4feci5$5tp@news.cdsnet.net>
Source record: 205885

I need a manual for the Midland 13-505 2meter xcvr.
Also need a receive xtal for 147.300 and a transmit xtal for 147.900
for the same rig.
TNX -Gary KB7FCI

2124. HELP With Lettine 240 Transmitter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: Bill Kirk <billk@conic.loral.com>
Message-ID: <4ffu3s$m7r@wdl1.wdl.loral.com>
Source record: 205886

Does anyone have info on the Lettine 240 transmitter? I would really like schematics and a manual, if they exist (as long as I'm wishing). Thanx! Please respond to my E-Mail address rather than this Newsgroup.

2125. Specs on the R8/R8A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: artburke@sky.net
Message-ID: <4ffsnr$e7e@alpha.sky.net>
Source record: 205887

It's time for my dumb post of the month!

Yesterday I was reading a "white paper" on the Drake R8/R8E that states the receiver is not susceptible to computer RFI. Did I read that correctly? Can you truly place the radio next to your standard, un-modified, (including "painted" monitor) computer and enjoy shortwave/AM without the associated rigors of computer generated RFI?

I'm thinking seriously of purchasing a quality shortwave unit in the next couple of months and this has a great bearing. I can't stand to be in my computer/stereo/ham radio/play room without turning on the computer!

Art Burke
Lenexa, KS
NE4F

2126. Re: Morse code to text display wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: Jay Craswell <73016.27@CompuServe.COM>
Message-ID: <4fe5e1ecl2@mhade.production.compuserve.com>
Source record: 205888
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

Hamcom uses a simple 741 interface to an unused comm port and also decodes
CW, RTTY, SSTV and AMTOR. I've got some boards that will do this that I will
let go for $10 (You build em!)
E-Mail me if you are interested.
--
73, Jay WB0VNE - AAV5TH

2127. Re: QSK Cookoff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4ffu4l$dt0@newsbf02.news.aol.com>
Source record: 205889

In article <DMGF72.Fx0@iglou.com>, n4lq@iglou.com (Steve Ellington)
writes:

>
>My test were not ment to be fair. As I said, we only had 3 rigs on hand
>to test. No doubt a newer TenTec would be improved. And....I did mention
>that the IC-706 chops the dots which is very improtant!
>

No, no. The 706 chops the dots AND the dashes the same amount. I explained
all that earlier.

73 Tom

2128. Re: Ham Radio Trader

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: G J Lundy <glundy@infocom.net>
Message-ID: <4ffst1$m6@gryphon.phoenix.net>
Source record: 205890

Amateur Radio Trader
P.O. Box 3729
Crossville, TN 38557

1-800-774-2623

2129. Re: Yaesu FT530 BNC Problems

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb9.093925.10992@ke4zv.atl.ga.us>
Source record: 205891

In article <4fb229$6qs@news-1.boco.co.gov> jwdxt@boco.co.gov (Jim Deeming) writes:
>Is it normal for BNC's to "wear out"? One
>of these radio's I bought new about 2 years
>ago, and the other I bought used and appears
>to be considerably older. They both
>developed this problem within a couple of
>weeks of each other. I admit I use them
>hard, swapping antennas frequently.

You should realize that BNC (and N) connectors are not
designed for frequent connect/disconnect cycles. I've
seen one manufacturer's literature state that they are
rated for only about 200 cycles during their lifetime.
If you need to do frequent connect/disconnect, then
you need to be using GR type QC connectors. They are
designed for *thousands* of connect/disconnect cycles.

What happens to a BNC (or N) connector when it is repeatedly
connected and disconnected is the center pin of the female
connector *spreads*, and no longer makes good contact with
the male inner pin. Then you have an intermittant connection.

However, what usually goes even faster on HTs is the solder
joint between the inner pin and the circuit board. Every
time you plug or unplug, you flex the center pin, and eventually
that flexing breaks the solder joint to the circuit board.
Just open up the radio and touch the joint with a soldering
iron and function will be restored. (For a while.)

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2130. Timewave Technology Homep

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: roland.stiner@hobbs.com
Message-ID: <8BA70B5.0027002DCA.uuout@hobbs.com>
Source record: 205892

To: dsp@timewave.com
Subject: Timewave Technology Homepage

D>I am proud to announce that the WWW Homepage for Timewave Technology
>is finally up and running.

I have a question that you might be able to answer: for CW, one has to set the center frequency (peak). How fine (or how close) are the steps in the newest DSP units? I am currently using an Autek Research unit that is analog.

Also, is the delay noticeable when you're sending CW and working full break-in?

OLX 1.53 73, de NK2U

* Origin: CyberNet BBS Lyndhurst, NJ (1:2604/151)

.....ooooo00000o http://www.intac.com/~cono
__,-----. ---+_________#_ The Roy Hobbs BBS sysop@hobbs.com
|________| |__|___________} Node 1: 201-641-7307
ooooo oo ~ ooO-O-O-O == oo\ Node 2: 201-641-3126

2131. Re: Kenwood TM-241A erratic display

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: Al Konschak <wi3z@voicenet.com>
Message-ID: <4ff9cg$hll@news.voicenet.com>
Source record: 205893

steinr@holmes.ece.orst.edu (Raymond Stein) wrote:
>In article <4er7cn$q4u@ixnews7.ix.netcom.com>,
>Anthony Giammarino <agia@ix.netcom.com> wrote:
>>Has anyone had a problem with an erratic display on the Kenwood TM-241A
>>mobile 2M radio ?
>>
>>The radio has an intermittent problem with the LCD displaying garbage.

>I had the same problem. I sent the radio to Kenwood for warranty
>repair. The problem was apparently a bad transistor, not just in my
>radio, but in many of their 241A's. I had a similar problem with my
>microphone -- a problem that was inherent with all 241A microphones.
>
>It seems as if Kenwood knows that there are problems with their 241 line,
>but will not recall any of them. They just hope that the owners will not
>eventually stumble upon them. Then when you call them, they play
>stupid. That's what bugged methe most! My $0.01 ($0.02 after taxes).
>
>--
>____
>*** Ray Stein *** Oregon State University -- ALUMNI ***
>*** steinr@ece.orst.edu *** Dept of Electrical Engineering ***
>*** N7RET *** http://www.ece.orst.edu/~steinr ***

Have'nt had the problem with the display but the mike on my radio
lost its push to talk after about 2 years. Cost as much as a new
one to fix so I use the one from my TS440. Anybody have a clue
what's wrong?

AL
WI3Z

2132. Re: Glass Mount Antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb9.200031.13486@ke4zv.atl.ga.us>
Source record: 205894

In article <4fft8p$m6@gryphon.phoenix.net> G J Lundy <glundy@infocom.net> writes:
>Content-Transfer-Encoding: 7bit
>X-Mailer: Mozilla 1.22 (Windows; I; 16bit)
>
>I've heard that the MFJ 1734 is a good antenna for dual band operation, but
>I have also heard that the Comet and Diamond antennas are of a much superior
>quality. Does anyone have any info on tested comparisons for glass mount antennas
>and which have show superior quality?

While I don't think much of glass mount antennas in general, and suggest
you drill the hole instead, the Larsen antennas are generally acknowledged
as the best, though not the prettiest.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2133. Which Filter is best?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: pshinman@freenet.edmonton.ab.ca
Message-ID: <4ffjdk$g1t@news.sas.ab.ca>
Source record: 205895

I am in the process of studying for my ticket and shopping for a rig.

One transceiver that I looked at had filters for the both the
first and second IF frequencies plus a DSP option.

What is the best, filtering in the IF or the DSP filter?

Thanx for your opinions - Paul

--
PAUL HINMAN email: pshinman@freenet.edmonton.ab.ca EDMONTON, ALBERTA, CANADA
Compuserve 72632,2674

The Tree of Liberty must be refreshed from time to time with the blood of
patriots. - Thomas Paine

2134. Alinco DR-150 mod?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: Paul Moller <Paul_Moller@csg.mot.com>
Message-ID: <311B553A.23C8@csg.mot.com>
Source record: 205896

I am looking for a mod to the Alinco DR-150 to give extended TX but haven't found one. I can find the mods for the DR-130, but not the 150. Does anyone know if it is possible?

Also, what about the Yaesu FT-2400, or 2500, is there a mod for them?

Paul_Moller@csg.mot.com

2135. Will the alico 610 mods void warntey????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: David Mclean <dmclean@dfw.net>
Message-ID: <4fehds$3h7@fnord.dfw.net>
Source record: 205897

Do you know if the mods for the Alinco 610 will void the warenty!! thanks
for the help!

--
David Mclean
From The World of Hamradio
KC5NNV is Clear!

[Dfw-Hams]
Http://www.dfw.net/~dmclean

2136. Code Practice with the KAM (new web-site article)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: medcalf@idir.net
Message-ID: <medcalf-0902961634410001@port45.idtslw1.idir.net>
Source record: 205898
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.equipment

Code Practice with the KAM

You can use the KAM or KAM Plus to send code through a local repeater, listen to code with a speaker, and make code tapes. You can also practice sending code and have the KAM display the results on a computer. This article discusses KAM parameters, cables, and operations.

Article URL: http://www.idir.net/~medcalf/ztx/kamcode.html

From the home page at http://www.idir.net/~medcalf/ztx/ you can link to other articles mostly about digital modes. The articles may be reprinted in amateur radio club newsletters provided that credit is given to the author.

The site also contains diagrams for wiring radios to tncs.

73 gloria ka5ztx medcalf@idir.net

2137. Re: Manual's for Johnson Repeater.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: mgarrett@prairienet.org
Message-ID: <4ffv8t$fos@vixen.cso.uiuc.edu>
Source record: 205899

In a previous article, cn1290@coastalnet.com (Edward Clark) says:

>Hello All, I have come across a working 461mhz E.F. Johnson Repeater, Complete
>and functioning. I would like to know if anyone out there can guide me to a
>source of documentation for realignment and wiring in a new controller. The
>controller thing should'nt be to difficult but the alignments could really take
>a while to get right when guessing.
>
>Also, whatever happened to E. F. Johnson? Buy out, out of business, what?

E.F.Johson is still in business and still cranking out radios. I do not
have their current address here at the house but will look for it at work
for you.

>
>I do not have model numbers just FCC numbers. The gear in in a grey 4 ft tall
>19 inch rack mount cabinet, with controller, receiver, exciter, 100 watt amp,
>duplexer, and power-supply. The mobiles given to me with the repeater are
>FLEETCOM II's.

>UHF RCVR Data # 023-3823
>UHF TXCVR Data # 242-1000-001
>Duplexer Model # DB-4072

I beleive what you have is a SCR-1000 made back in the early 80's. They
were pretty good repeaters. It has been 15 years since looking at one of
these but the receiver and transmitter sections were Fleetcom II's. The
whole frame of the radio is used but only the transmitter section and
reciever section is installed for each side. The units are installed in
metal boxes on racks that can be pulled out and down for servicing.
I believe that the controller is either Pl or carrier driven but It has
been a long time since servicing them.

>
>Thanks for the Help,
>
I hope to get some more information for you Ed and will look up the address
at work. You might also call information for Waseca, Minn area and ask for
customer service for E.F. Johnson and they might be able to refer you either
to a local dealer or how to order the manual. I hope this helps.

>Ed Clark KQ4ZP
>cn1290@abaco.coastalnet.com
>
>

--
Mark Garrett mgarrett@prairienet.org
KA9SZX @ N9LNQ.#ECIL.IL.USA.NOAM

2138. Re: Glass Mount Antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: G J Lundy <glundy@infocom.net>
Message-ID: <4fft8p$m6@gryphon.phoenix.net>
Source record: 205900

I've heard that the MFJ 1734 is a good antenna for dual band operation, but
I have also heard that the Comet and Diamond antennas are of a much superior
quality. Does anyone have any info on tested comparisons for glass mount antennas
and which have show superior quality?

Thanks. KC5RBX
Gordon

2139. 6 meter Yaesu FTV-650b

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: amman@airmail.net
Message-ID: <4fehgh$527@news-f.iadfw.net>
Source record: 205901

Help! need manual for a 6 meter Yaesu FTV-650b transverter.
Will cover all cost!!!!!!!!!!

Thanks,
Robert
amman@airmail.net

2140. WTD: Software to Operate XCVR for the BLIND

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: fanjoy@io.org
Message-ID: <9Z1GxcGnH8xX085yn@io.org>
Source record: 205902

I am seeking software to operate a Kenwood TS-450 from a computer for use by the blind. Requirements:

Preferably in Basic. I'll leaarn C if I have to but I'd prefer not. I know I'll want to add enhancements and changes.

DOS based, not Windows

If I have the above I can satisfy two other needs:

Accessible to the computer speech processor - no graphics and one piece of information per line.

Very large print on the computer screen

I am a retired engineer who is a volunteer working with the Canadian National Institute for the Blind Amateur Radio Program. It's no small program, since 1967 we have arranged for the provision of over $500,000 worth of HF transceivers to the blind all across Canada. We are currently working on tools to make Amateur operation more friendly for blind operators.

Help appreciated - 73

--
George VE3PEB
TORONTO, Canada
(416)621-5248

2141. Re: Conversion info wtd on TS-130S WARC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: frederick.mckenzie-1@kmail.ksc.nasa.gov
Message-ID: <frederick.mckenzie-1-0902961432060001@k4dii.ksc.nasa.gov>
Source record: 205903

In article <4fdpf7$884@news1.cle.ab.com>, Bill Shinko
<Bill.Shinko@cle.ab.com> wrote:
> I have a TS-130S in great original condition and would like to know
> where I can get info regarding mods that will add WARC bands to this rig.

Bill-

Do you know something I don't? It may be a while before any new HF Ham
bands are added.

I understood the TS-130S came capable of operating on the three current
WARC bands. If they aren't all enabled on your radio, the procedure
should be in the owner's manual.

73, Fred, K4DII

2142. IEEE Membership List??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-09 00:00:00 UTC
From: Bill Kirk <billk@conic.loral.com>
Message-ID: <4fg2se$o69@wdl1.wdl.loral.com>
Source record: 205904

Does anyone know how to access the IEEE membership list from the 20's? I am look ing for a specific person by the name of "L. A. POSTH", an EE who may have been a member, and may be published in their journals. Please respond direct to my E-Mail address. Thanx!!

Bill Kirk W6RQQ

2143. For Sale Icom HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-10 00:00:00 UTC
From: matt@grfn.org
Message-ID: <matt-1002961606140001@pm007-04.dialip.mich.net>
Source record: 205755

Hand held, Dual band HT 2m/70cm. IC-24AT, Extended recive, comes
with a 5w & a 1.5w battery. One hour quick charger, and a trickle charger.
Also has Full Duplexing between 2m/70cm, PL Tones, 4 DTMF Mem, and 40 Memory
channels.

Receive 110-127
140-190
400-499
800-950 MHz

Transmit 140-150
440-450 MHz
Location: Grand Rapids Mi
Price: $325 Or best offer
Please leave E-mail to:
j_dogg@grfn.org for questions or offerings.

--
Matt Overholt

2144. Source for IF filters?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-10 00:00:00 UTC
From: kb7et@usa.pipeline.com
Message-ID: <4fisfi$gma@news1.usa.pipeline.com>
Source record: 205756

Anyone know of a source for IF filters for the
older HF transceivers, i.e., Kenwood TS-520 and
Yaesu FT-101? I need the CW filters for these
two rigs. Any help would be appreciated.

73 de Jim, KB7ET
kb7et@usa.pipeline.com

2145. WTB: Yaesu FT 790R II

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-10 00:00:00 UTC
From: sco@mindspring.com
Message-ID: <sco.658.00310B15@mindspring.com>
Source record: 205757

KE4IKT

2146. Need Schematic for IC-225

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-10 00:00:00 UTC
From: ea4abb@linux.ea4abb.ampr.ORG
Message-ID: <Pine.LNX.3.91.960211000038.16224A-100000@linux.ea4abb.ampr.org>
Source record: 205758

Hello everybody...

I have an IC-225 Icom transceiver, but some days ago I have a little big problem. When I transmit the transceiver make QRM 55 Khz up and 55 khz down.

I do not nedd to module the carrier, this QRM is done with only pushing the PTT.

I am looking for the schematic of this transceiver to try to solve it..

Perhaps someone can help me and had the same problem than me and solved it ??

Any comments are welcome.

Please e-mail me...
Tnx


```
___ __ __
/ \__ / / ___ _ __/ /___
/ - / \/ \ / _ \/ /\/ _ / \
/ _ / - / - / __/ / / / / - /
Saludos de /_/ \_\__/\__/\___/_/ /_/ \__/
```

---

e-mail: ea4abb@ea4rct.clubs.etsit.upm.es
ampr: ea4abb@linux.ea4abb.ampr.org
ax25: ea4abb@ea4een.eam.esp.eu
fidonet: Roberto Munoz 2:341/64.10
http://www.etsit.upm.es/~rclub -> Paginas WEB del Radioclub EA4RCT

2147. AES has IC-730/740/745 Accessories!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-10 00:00:00 UTC
From: zaax@aol.com
Message-ID: <4fjons$oik@newsbf02.news.aol.com>
Source record: 205759

AES has the following on sale in the current catalog: EX-202 LDA unit for IC-730
$14.95; EX-205 Xverter switch IC-730 $9.95; EX-241 Marker unit for IC-745 $29.95
EX-242 FM unit for IC-745 %49.95; FL-53 250hz CW filter for IC-740 $39.95 and
FL-54 270hz CW filter for IC-730/740/745 $39.95. I am not an employee of AES.
I just thought that some would find this info helpful. It is on page 25 of the
current catalog.

73
Zack Schindler
N8FNR
EN82KL

Radio Amateur and Railfan

2148. Re: Yaesu FT5100 or Icom 2350H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-10 00:00:00 UTC
From: bobp@cais.com
Message-ID: <4fjt3t$pqb@zippy.cais.net>
Source record: 205760

In <4fgoe6$n9g@newsbf02.news.aol.com>, Toast writes:
>Need info or comparison of these two radios. (which is best)
>
>Please reply to: toast@best.com or toast@aol.com

I can only tell you that I own an FT-5100 for 2 years now and it has been an outstanding radio. I had the expanded receive mod done and that has worked out well too. We have quite a few hams here in Northern Virginia that use that radio and I have yet to hear a problem with it.

Good luck with whatever you do.

73, KE4HCX/Bob

2149. Icom 735 re/MARS & CAP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-10 00:00:00 UTC
From: Thomas.Smith@228.woodybbs.com
Message-ID: <0fa_9602110257@woodybbs.com>
Source record: 205761

Seems like I need a bit of help with this one...have a chance to buy and
Icom 735 AND the AT-500 automatic antenna tuner.

I want to work MARS and CAP, but I need to know if both of these units
can be modified to cover those freqs...ESPECIALLY the auto-tuner...

BTW: Speaking of auto tuners, are there any that handle the MARS and CAP
spectrums? I ask this specifically of the Yaesu FT-1000 model...

Appreciate any and all help on this.

KG8KL
* RM 1.31 2831 * I'm half crazy, all for the love of brew.
--
|Fidonet: Thomas Smith 1:2619/228
|Internet: Thomas.Smith@228.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.

2150. WTD RPT ofs mod for Yaesu FT-690R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-10 00:00:00 UTC
From: stubstad@ix.netcom.com
Message-ID: <4fjagf$l02@ixnews4.ix.netcom.com>
Source record: 205762

I am proud owner of an old all mode QRP 6m brick that has +/- 1 MHz RPT offset (as adder to synth programming in TX?). I have a basic block diagram, but no schematic. Can someone help me with tips on changing the TX offset number. I'd like to set up +/- 500 kHz.

This radio probably uses squelch ckt on FM demod chip, as squelch is not active in SSB and AM modes. Hints on adding sql funct for AM/SSB would be welcome too, tho probably not worthwhile unless there is a simple ckt mod hidden here.

Tnx,
Jim

2151. Wanted HF Transceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-10 00:00:00 UTC
From: allan@thompson.zynet.co.uk
Message-ID: <31193f81.47581197@news.zynet.co.uk>
Source record: 205763

Wanted HF Transceiver FT101 or similar or better still digital. WHY
please email me at:
allan@thompson.zynet.co.uk
Thanks

2152. motorola mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-10 00:00:00 UTC
From: Jeff_Brown@fforum.blkcat.com
Message-ID: <NOMSGID_1=3A109=2F239.0_960210_141700_c0f91f4f@fidonet.org>
Source record: 205764

Hi all anyone intrested in a Motorola Spectra mobile on VHF?
I have a VHF 130-173mgz 128 ch 7 segment alpha display 65w mobile
Has lots of features if your into commericial stuff,HATE intermod
and want a hell of a good radio....reply here to me $500 includes ship.
tnx Jeff N3OYQ also already programed w/all us ham rep. but can
prog to ur needs for free.

2153. Sk / Packet / Internet Ham Radio Swap & Shop

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-10 00:00:00 UTC
From: Bruce Donovan <bdonovan@sasknet.sk.ca>
Message-ID: <4fgp2q$mjb@mongol.sasknet.sk.ca>
Source record: 205833
Cross-posted to: in.ham-radio,rec.radio.amateur,rec.radio.amateur.swap,rec.radio.amateur.equipment

SK/PACKET/INTERNET SWAP & SHOP, S=FOR SALE, W=WANT, BO=BEST
OFFER NEG=NEGOTIABLE

1. February 7, 1996 VE5ND@VE5LPM.#NESK.SK.CAN.NOAM
bdonovan@sasknet.sk.ca

OP CALL NAME QTH PHONE DATE
ITEM

==========
S KK6AH DON SAN FRANCISCO 415-467-9669 12/31/95
10M> KENWOOD 10 METRE MODULE FOR TM 741/2 SERIES ($125)

S VE8CK CLIFF YELLOWKNIFE 403-420-2390 01/27/96
AMP> 70 CM 100 WATT MIRAGE AMPLIFIER

S VE6QU BOB EDMONTON 483-5563 01/27/96
AMP> AMERITRON AL 88A, AS NEW (OFFERS)

S VE5ZL ZOLIE GRAVELBOURG 648-2500 01/27/96
ANALYZER> HF/VHF MFJ 249 SWR ANALYZER, 1.8-170 MHz ($250)

S VE5RP PERCY SASKATOON 668-4619 01/31/96
ANT> ONE 70 CM MOBILE ANTENNA ($50)

S VE5RP PERCY SASKATOON 668-4619 01/31/96
ANT> TWO 2 METRE MOBILE ANTENNAS ($50 EACH)

S VE4XR GOERGE MOLSON 204-268-4328 01/19/96
BEAM H1> CDE-AR45 ROTOR W 100 FEET OF CONTROL CABLE

S VE4XR GOERGE CONTINUED 204-268-4328 01/19/96
BEAM H1> HIGH GAIN 8 ELEMENT 2M BEAM ($300 BO) FOR BOTH

S VE5RP PERCY SASKATOON 668-4619 01/31/96
BEAM> 15 ELEMENT HY GAIN 2 METRE BEAM ($100)

S VE5RP PERCY SASKATOON 668-4619 01/31/96
BRIDGE> MFJ NOISE BRIDGE MFJ 202B - NEW ($40)

S VE5GZ GARY CONTINUED 459-2872 01/09/96
COMP2> DPM MODEM 300 BAUD AND OTHER COMPUTER STUFF ($50)

S VE7BYS DENNIS 100 MI. HOUSE 604-395-4864 01/12/96
DRAKE 1> DRAKE C-LINE, T4XC TRANSMITTER, R4C RCVR, NOISE BLANKER

S VE7BYS DENNIS 100 MI. HOUSE 604-395-4864 01/12/96
DRAKE 2> MF4 SPEAKER & POWER SUPPLY, 250 Hz, 500 Hz FILTERS
($550)
S VE5RP PERCY SASKATOON 668-4619 01/31/96
DUPLEXER> ONE 2M - 70 CM KENWOOD DUPLEXER MA 4000 ($30)

S VE5GS GORD MEOTA 892-2101 01/01/96
FILTER> FOR KNWD 830/850 2.1 KC, 400 CYCLE, BOTH HIGH ($50 EACH)

S VE5YK SYL SASKATOON 382-3894 01/25/96
FILTER> HEATHKIT CRYSTAL FILTER SB 102 OR SIMILAR 250Hz ($15)

S VE4XR GEORGE MOLSON 204-268-4328 01/19/96 HF
I1> ICOM 781 MINT CONDITION ($5000)

S VE4XR GEORGE CONTINUED 204-268-4328 01/19/96 HF
I2> OR TRADE PLUS ($4000) FOR ICOM 735 OR 271H OR R7000

S VE6BV HELLMUTT CALGARY 279-9153 01/19/96 HF
ICOM1> ICOM IC 745 HF XCVR W BUILT IN SWITCHING POWER SUPPLY

S VE6BV HELLMUTT CALGARY 279-9153 01/19/96 HF
ICOM2> SM6 MIC, MOBILE MIC, BUILT IN ELECTRONIC KEYER ($850)

S VE5ZEE ZANE CONTINUED 403-249-1206 01/27/96 HF
K1> CW KEY, SERVICE MANUALS, SPARE FINALS ($650)

S VE5ZEE ZANE CALGARY 403-249-1206 01/27/96 HF
K1> KENWOOD TS 820, REMOTE VFO, MC-50 MIC, DC AND LINEAR PWR
CORD
S VE7BKH BOB VICTORIA 604-384-7980 01/19/96
HF> ICOM 730 W BRACKET, HANDHELD MIC & SM5 MIC ($550)

S VE5RAE RAY N BATTLEFORD 445-3114 02/02/96
HF> KENWOOD TWINS T599R + D, TUBE FINALS, 151'S ($450)

S VE6OX AL PINE LAKE 403-886-4663 01/19/96
HF> TS 520 HF XCVR, MATCHING SPEAKER, SP 520 ($450 BO)

S VE5ZL ZOLIE GRAVELBOURG 648-2500 01/10/96
HF> YAESU 102 XCVR, BELONGS TO VE5GU CECIL 642-3498 ($850)

S VE8I IVAN HAY RIVER 403-874-3882 01/27/96
HF> YAESU 757 GX, SERVICE MANUAL, 2 MICS ($500)

S VE5MQ GORD REGINA 545-8432 01/19/96
HT> KENWOOD TH-205 VHF HT ($175)

S VE5ZL ZOLIE GRAVELBOURG 648-2500 01/19/96
MAG> 73, HAM RADIO AND QST MAGAZINES, GET A HOLD OF ZOLIE
(OFFERS)
S VE5RP PERCY SASKATOON 668-4619 01/31/96
MIC> HANDHELD MIKE 8 PIN ICOM IC HM7 ($25)

S VE5RP PERCY SASKATOON 668-4619 01/31/96
MIC> HANDHELD MIKE 8 PIN YAESU MH-1B8 ($25)

S VE5RP PERCY SASKATOON 668-4619 01/31/96
MIC> TURNER BASE MIC 454C ($20)

S VE5RP PERCY SASKATOON 668-4619 01/31/96
NAVIGATOR> LORAN C NAVIGATOR MODEL LC-90 ($30)

S VE5YK SYL SASKATOON 382-3894 01/25/96
PATCH> KENWOOD PHONE PATCH DC-1 ($60)

S VE5RO ROLLIE SASKATOON 374-1001 01/19/96
PATCH> SP 102P PHONE PATCH, NEVER USED (OFFERS)

S VE5KC KEN BATTLEFORD 937-3944 02/02/96
PROC> SPEECH PROCESSOR MODEL 60 BY MATRIC FOR OLDER RIG ($50 BO)

S KK6AH DON SAN FRANCISCO 415-467-9669 12/31/95
RCVR> HALICRAFTERS PORTABLE SHORTWAVE RECEIVER, GOOD SHAPE
($100)
S VE5SZ JOHN MINTON 969-4600 01/27/96
RCVR> HR 20 HEATHKIT HAM BAND RCVR AND POWER SUPPLY (OFFERS)

S VE5MQ GORD REGINA 545-8432 01/19/96
REPT> YAESU FTR-2410 VHF RPTR W BUILT IN SCOM 5K CONTROLLER
($250)
S KK6AH DON SAN FRANCISCO 415-467-9669 12/31/95
SCAN> AOR 300A WITH NO CELL CUT OUT, MINT CONDITION ($1000)

S VE5YK SYL SASKATOON 382-3894 01/25/96
SCAN> PRO 2010 SCANNER ($75)

S KK6AH DON SAN FRANCISCO 415-467-9669 12/31/95
SCAN> REALISTIC PRO-2002 WITH CELL MOD ($300)

S VE4WO BILL FOR VE4STU@VE4J 204-638-5237 01/19/96
SOUND> SOLTRIX SOUND BOARD W SOFTWARE, MANUALS, SPEAKERS

S VE7DKQ ROY CLEARWATER 604-674-3614 01/27/96
TRANS1> BARKER & WILLIAMSON TRANSMITTER, MODEL 5100, AM MODEL

S VE7DKQ ROY CONTINUED 604-674-3614 01/27/96
TRANS2> 51 SD SIDEBAND GENERATOR, NICE CONDITION, WILL TRADE

S VE7RRL BOB WILLIAMS LAKE 392-7816 01/27/96
TWIN> KENWOOD TWINS T599E TRANSMITTER, T599D RCVR, MIC, MAN
($375)
W ------- ---------- WANTED ------- ------------- / /

W VE5WGN WALTER PRINCE ALBERT 763-0971 01/08/96
2M> 2 METRE MOBILE RADIO

W VE5GO JOHN MARGO 324-2078 01/25/96
2M> 2M RIG, REASONABLY GOOD, REASONABLE PRICE

W VE5ZL ZOLIE GRAVELBOURG 648-2500 01/10/96
HF> LATE SERIAL NUMBR KENWOOD 940SAT IN EXCELLENT CONDITION

W VE5TP LARRY REGINA 761-1279 01/19/96
SCHEM> SCHEMATIC FOR IC 251A 2 METRE ALL MODE TRANSCEIVER

W KK6AH DON SAN FRANCISCO 415-467-9669 12/31/95
SONY> ANYTHING RELATING TO THE SONY U-MATICS

SK/PACKET/INTERNET SWAP & SHOP, S=FOR SALE, W=WANT, BO=BEST
OFFER NEG=NEGOTIABLE

2. February 7, 1996 VE5ND@VE5LPM.#NESK.SK.CAN.NOAM
bdonovan@sasknet.sk.ca

OP CALL NAME QTH PHONE DATE
ITEM

==========
==========
W VE5GS GORD CONTINUED 892-2101 01/27/96
SQUECH2> Z2 FREQ 110.9 CYCLES

W VE5GS GORD MEOTA 892-2101 01/27/96
SQUELCH1> PL SQUELCH SENDER, MOCOM 70, TLN 6823A,

W VE4OI GORD FLIN FLON 204-687-5567 02/02/96
TOWER> 50 FOOT HEAVY DUTY DELHI TOWER

W VE5PR JOE ENGELFELD 287-4302 01/19/96
TUBES> 6H7M AND 6AD7G OR ADDRESS WHERE CAN GET THEM

W VE4KE MARV ASHERN 204-2073 01/19/96
UHF1> GE ROYAL EXEC OR GE EXEC 2 UHF RADIOS OR OTHER RADIOS

W VE4WO BILL FOR MARV @ASHER 204-768-20732 01/19/96
UHF2> THAT CAN RUN FULL DUPLEX, VE4WO@VE4WO.#SRV.MB.CAN.NOAM

W VE6XF DON CALGARY, RED DE 403-282-0356 01/27/96
XCVR> TS 50 KENWOOD XCVR

2154. Regency UHF

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-10 00:00:00 UTC
From: khmi@pfrssl65.tac.fi
Message-ID: <4fi2iu$3r5@tampere.tampere.fi>
Source record: 205834

Hello everybody!

I just got a second-hand Regency UHF hand-held radio to my shack.
I got no manual, battery, or so. Just the radio. I'd like to know something
about it, voltage of the battery needed, frequency range, pinout of the
sockets, and things like that. In the back cover of the radio says:

Regency Land Mobile, Inc.
West Melbourne, Florida 32904

FCC ID ATE5FDRPU402
made in Taiwan, R.O.C

Model RPU 402
Serial number 000700

So if you know a thing of my radio, please let me know as well. If you
know whereabouts its schematic diagram, I will happily pay postage and
costs of photocopying if you send them to me. I'm also interested to get
it converted for 9600Bd TCP/IP packet.

Thanks in advance.
--
Kalevi J Hautaniemi

Marjatankatu 12 |tel: +358-31-364-7446 |fax: +358-31-364-2476
33730 Tampere Stop complaining, use LINUX! |Internet: khmi@sci.fi
FINLAND |http://www.sci.fi/~khmi/ |On air: OH3FG, KO4BC

2155. Virtual Radio Rally - Traders Hall now Open !

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-10 00:00:00 UTC
From: Mark <uk-mark@marks.demon.co.uk>
Message-ID: <823958346snz@marks.demon.co.uk>
Source record: 205835
Cross-posted to: uk.radio.amateur,rec.radio.swap,rec.radio.amateur.equipment

Hi,

If you point your browser at -

http://ukinternet.com/ham/

you will see that the Traders Hall is now open and has it's first
Ham Dealer, taking up a whopping 6 stalls - LOWE ELECTRONICS
Many thanks to Richard for supplying the file.

Anyone trying to set up their *OWN* stall last week would have been
dissapointed as it didn't work (pathnames!). Well I'm sorry and
it's fixed now.

Anyone selling between 10 and 50 items of gear can set up their own
Ham Stall *FREE*.

I'm also after more Ham Rally info -
I will advertise any Ham Rally in ANY part of the World *FREE*

Best 73's
--
Mark & Julie

2156. KaWin 6.30

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-10 00:00:00 UTC
From: stan@mutadv.com
Message-ID: <4fh4cq$mnh@news-2.csn.net>
Source record: 205836
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.equipment

KaWin version 6.30 is ready!

This new version of KaWin is faster, cleaner and loaded with new features.
Registered users may upgrade at no cost. Others are invited to test this new
version by downloading it from the KaWin Home Page or FTP Site.

73, Igottago... Stan ..
--
Stan Huntting, KF0IA
Postal Address: 4655 Pleasant Ridge Rd.,
Boulder, CO 80301-1731, USA
email: stan@mutadv.com
KaWin Home Page: http://www.mutadv.com/kawin/
KaWin FTP Site: ftp.csn.net in the directory /kawin

2157. Re: Specs on the R8/R8A - Computer noise

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-10 00:00:00 UTC
From: flanders@znet.groupz.net
Message-ID: <4fh325$9do@news1.sunbelt.net>
Source record: 205837

artburke@sky.net (Arthur Burke) wrote:

>It's time for my dumb post of the month!

>Yesterday I was reading a "white paper" on the Drake R8/R8E that states
>the receiver is not susceptible to computer RFI. Did I read that
>correctly? Can you truly place the radio next to your standard,
>un-modified, (including "painted" monitor) computer and enjoy
>shortwave/AM without the associated rigors of computer generated RFI?

>I'm thinking seriously of purchasing a quality shortwave unit in the next
>couple of months and this has a great bearing. I can't stand to be in my
>computer/stereo/ham radio/play room without turning on the computer!

>Art Burke
>Lenexa, KS
>NE4F
==========
Art,

Any well-shielded radio will not pick up much of that type of interference directly. My ICOM 751 (and Ameritron AL1200 Amp) do not, but I once used an antenna matching unit that let it in, even when only coax was the feedline (ladder line feed is VERY bad in this regard).

When we let it in via the antenna line it becomes a problem, IMO. I use full-shield Belden 9913 into the house from an outside relay-switching antenna selector box, and I get so little computer hash that I just don't ever think about it. Haven't measured it - it is just not a problem here!

You can test your own radio - disconnect the antenna and put a metal cap of some kind over the antenna input. If the noise is no longer objectional, work on the antenna feed system.

Jerry W4UKU South Carolina flanders@groupz.net

2158. Re: FT-51R Extended RX Ra

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-10 00:00:00 UTC
From: houlejm@ireq.ca
Message-ID: <houlejm-0902962218010001@gatos7.ireq.ca>
Source record: 205838

In article <sourceDM9voI.IMD@netcom.com>, source@netcom.com (David Harmon)
wrote:

> In article <8B9B4B3.01A60008A0.uuout@grinder.com>,
> DARRYL LINKOW <darryl.linkow@grinder.com> wrote:
> >
> >Wrong! The FT-51R has EEPROM for storing the memories, and does
> >not require ANY battery power.
> > > 73, Darryl KE6IHA
> >
> Then please explain why it has one. I am refering to the internal lithium
> battery, labled BT1001 on the schematic that came with the radio, Yaesu
> P/N Q9000637. I can't figure out what they are doing with it. But
> Yaesu's note, that it doesn't need to be replaced "for several years"
> (FT-51R Technical Supplement pg.2-3) is NOT very comforting.

Do not worry. I have an old Yaesu FT208R that must be 15 years old and
still holding it's memory with it's original lithium battery.

--
Jean-Marie VE2AEY

2159. Re: Drake SW8 wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-10 00:00:00 UTC
From: aa619@detroit.freenet.org
Message-ID: <4fib37$8k0@detroit.freenet.org>
Source record: 205839

In a previous article, newlife@pixi.com (Pat & Adaire Mason) says:

>Does anyone know what kind of internal AM antenna the SW8 has?
>Is it a ferrite loop? I need to know if I can use my inductive
>loop with it. Also, how do you like it? (I have a Drake R8 and
>enjoy it immensely).

The SW-8 uses the internal whip antenna with a preamp for MW reception.
A back panel switch allows an external antenna to also be selected through
either the high impedance wire or low impedance coax connectors.

73,
Karl
--

2160. Re: HELP, EFFECTIVENESS OF LINEARS ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-10 00:00:00 UTC
From: Johnny Donovan WABC-NY <ru@i-2000.com>
Message-ID: <311CB78F.21EE@i-2000.com>
Source record: 205840

>>>> I have never used a linear. Some people comments thata linear dramatically improves the chances of a successful long distance
contact.

power X2=3DB
I S-unit =6db (generally)

In a pileup 1 DB can make a difference.
If you are trying to keep a sked with someone an amp will come in handy now and then. I have a large "ALPHA" amp that I have not turned on in over a year. I just do random rag chews and if the person can't hear me I just move on. So unless your are a DX'er you really don't need an amp- even if you enjoy DX you can have great success running 100 watts. ...k2koq

2161. Re: Which Filter is best?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-10 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <823966933.2759@pinetree.microserve.com>
Source record: 205841

Bill Kirk <billk@conic.loral.com> wrote:

>In my experience, the DSP is the way to go. We have incorporated this
>feature in several sophistcated radios, with superior results.

Is your company using this technology at IF or at audio? If the
former, what's the highest frequency you've designed the units
to process?

73,
Jack WB3U

2162. Re: IC-2000 microphone connector FAQ (here it is!)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-10 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb10.012547.14732@ke4zv.atl.ga.us>
Source record: 205842
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

In article <4fg5f0$3r3@abyss.West.Sun.COM> myers@West.Sun.COM (Dana Myers) writes:
>Here's a little contribution to those with IC-2000s. I've crossposted
>to rec.radio.amateur.digital.misc for those wishing to connect a
>1200 baud TNC to the IC-2000.
>
>Please send me updates or corrections...
[snip]
>Notes:
>
>* The +8V source looks like it is intended to run the DTMF encoder in
>the standard Icom microphone. I wouldn't draw more than 10mA or
>so from this pin.

The +8 volts is to power the FET in the electret mic element.
Icom specs the *maximum* current to be drawn from this pin as 10mA.

>* The up/down signal appears to be an analog input; the service manual
>says "Up: 5.0V, Down: 0.0V, Off: 5.0V", but I believe this is an error;
>I suspect it is more like 5.0V for up, 0V for down and 2.5V for off,
>but I haven't measured it yet. Under no circumstances exceed 5V
>on this line, since it is connected to the embedded microcomputer,
>and make certain to include some series resistance, say 1k.

Yes, that's completely in error. The Icom "standard" for up/down
buttons is, the up button hard makes to ground to request an up step,
the down button makes to ground through a 470 ohm resistor to request
a down step. External voltage should *not* be applied to this pin at
all, the uP supplies the sense voltage.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2163. Re: IC 706 Satellite board option

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-10 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb10.020650.15155@ke4zv.atl.ga.us>
Source record: 205843

In article <4fd9cv$non@taxis.corp.titan.com> bb@tisc.com (Bill Bennett) writes:
>I have seen in the brosure that icom passes out that they have a
>satellite board option. What does this do? does it let the radio
>duplex/ or cross band split?

As far as I know, there's no satellite board option for the IC-706.
There is a satellite *box* that you can buy which goes on the CIV
bus and allows two Icom radios to track tune for satellite operation.
That may be what they were saying. With it you could use the IC-706
as the 2 meter radio and the IC475 as the 70cm radio for mode B
operation. The radio doesn't have the circuitry to support full
duplex operation. Most of the circuits serve dual duty in transmit
and receive, IE bidirectional circuits, leaving very little of the
radio available to handle another channel of RF information. You
can set the radio up for crossband split, such as you'd use on
mode A, but it won't track tune or operate duplex.

>also where do you get the service manuals? from your local dealer or
>from icom directly

I ordered mine through HRO. I suppose you could order direct from
Icom parts.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2164. Re: Specs on the R8/R8A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-10 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb10.021714.15253@ke4zv.atl.ga.us>
Source record: 205844

In article <4ffsnr$e7e@alpha.sky.net> artburke@sky.net (Arthur Burke) writes:
>It's time for my dumb post of the month!
>
>Yesterday I was reading a "white paper" on the Drake R8/R8E that states
>the receiver is not susceptible to computer RFI. Did I read that
>correctly? Can you truly place the radio next to your standard,
>un-modified, (including "painted" monitor) computer and enjoy
>shortwave/AM without the associated rigors of computer generated RFI?

No, of course not. There's no way for a receiver to reject on frequency
RFI without rejecting on frequency signals as well. The R8 may be better
in that it is well shielded so that (mostly) only signals coming in the
antenna connector are heard, but if the antenna or feedline picks up the
computer hash, the radio will receive it.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2165. Question about Internals of Kenwood TK-931

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-10 00:00:00 UTC
From: moofster@netcom.com
Message-ID: <moofsterDMJEqw.Lqn@netcom.com>
Source record: 205845

Has anyone modified this radio or gotten it to work on the 915 MHz band?
A friend of mine has one of these, and upon disassembling it, discovered
an NEC D78310AGF CPU, which does not seem to correspond to any known
general purpose CPU.

Any leads, or information about what this CPU is, or how it can be
reprogrammed would be greatly appreciated.

Please email a reply to moofster@netcom.com -- I am *NOT* a reader of
this newsgroup.

Thanks!
=Robert=

2166. FS 2m Mobile & HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-10 00:00:00 UTC
From: Rick Johnson <rick@halls.com>
Message-ID: <311C286A.C01@halls.com>
Source record: 205846

Icom 280 mobile for sale. Mobile hump mount included.
Icom 2AT HT with plug-in-charger and three battery pack included.

Asking $125 OBO for each

Shipping negotiable,
N8HUJ Rick

2167. Re: Transmitter fingerprinting (was Re: 82 Repeater in Kansas City)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-10 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <4fhaoa$bkc@abyss.West.Sun.COM>
Source record: 205847

In article <4f86lj$rbu@baleen.fore.com>, Ed Bathgate <ed@fore.com> wrote:
>
>>This is one of the weaknesses of the system, another is changing the
>>rig, or swapping a couple of components in the tx (changing some of
>>the resistors/caps is usually enough).
>
>>For example, the claim that each and every radio
>>is uniquely identifiable, even radios of the same model and production
>>run. Granted, variation in component values will result in slightly
>>different PLL characteristics, but I have yet to see any evidence that
>>suggests that the resulting fingerprint varies enough to be considered
>>"unique".
>
>Ok, here is more variables in the system, voltage, SWR, reactance, impedance?

Actually, these shouldn't be significant. The fingerprint is primarily
the result of the PLL synthesizer settling down (crystal oscillators
also vary in frequency a little bit, but not like a PLL during lock-up).
If the radio isolates the VCO/PLL from the load decently (and most
do), then SWR/reactance/impedance should have essentially no influence.
Also, the PLL/VCO are probably running off regulated voltages, so
power supply variation should have little influence on the PLL
lock-up waveform.

>One of my rigs is an HTX-202 (like 10,000) others out there. What do you
>think would happen to the fingerprint if I ran on batterys, weak batterys,
>12v from the car, on 13.8 with a smidge of ac ripple? Hi power,
>low power, an antenna with high swr? Duck? An antenna with a capacitor in
>series, started to tx while holding the antenna with my hand then releasing
>it? When the radio is cold?

I don't believe any of these conditions are likely to have a significant
influence on the PLL characteristics, and, therefore, the fingerprint.

>I would think that the fingerprints would be quite unstable unless you always
>used the same exact antenna, voltage, temp, location...

Fingerprints aren't black magic, and they're not influence by just
anything. My entire point in this thread is understanding which
things matter and which ones don't.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *

2168. WTB -- RADIO HANDBOOK <<< 22nd edition >>>

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-10 00:00:00 UTC
From: AA4FM / 0 <debral@falcon.cc.ukans.edu>
Message-ID: <1996Feb10.115545.113718@kuhub.cc.ukans.edu>
Source record: 205848

Looking for the following amateur radio related book:

RADIO HANDBOOK
by William Orr, W6SAI
22nd Edition 1981
Howard W. Sams & Co
ISBN 0-672-21874-7

Prefer "mint" condition with no markings, underlining, dog ears, etc.

73s

Bill
AA4FM/0

2169. Re: QSK Cookoff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-10 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <DMKAzy.8nE@iglou.com>
Source record: 205849

: No, no. The 706 chops the dots AND the dashes the same amount. I explained
: all that earlier.

OK OK chops everything, a real minceamatic. If it just chopped dots, I
could increase the fake "weight" control to lengthen the dashes :*)

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

2170. mod question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-10 00:00:00 UTC
From: charles@dorsai.org
Message-ID: <4fj79u$8p9@dorsai.dorsai.org>
Source record: 205850

does anyone know if there are any modifications that can be made to the
radio shack htx 100 transceiver....???

also, where would one get the mrf777 transistor now that motorola stopped
making them?

thanks
charles

2171. Re: 82 Repeater in Kansas City, TXxID-1

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-10 00:00:00 UTC
From: dbaker@mail.bcpl.lib.md.us
Message-ID: <dbaker.131.000C4C55@mail.bcpl.lib.md.us>
Source record: 205851
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc

```
In article <4fgm3h$7n3@abyss.West.Sun.COM> myers@West.Sun.COM (Dana Myers) writes:
>From: myers@West.Sun.COM (Dana Myers)
>Subject: Re: 82 Repeater in Kansas City, TXxID-1
>Date: 9 Feb 1996 23:41:37 GMT

>In article <dbaker.125.000C1511@mail.bcpl.lib.md.us>,
>Donald I. Baker <dbaker@mail.bcpl.lib.md.us> wrote:
>>In article <DMDLpI.Iv@pe1chl.ampr.org> rob@pe1chl.ampr.org (Rob Janssen) writes:
>>>From: rob@pe1chl.ampr.org (Rob Janssen)
>>>Subject: Re: 82 Repeater in Kansas City
>>>Date: Tue, 6 Feb 1996 22:41:41 GMT
>>
>>>In <4ete1q$b0o@bcarh8ab.bnr.ca> ddenter@bnr.ca (Dean Denter) writes:
>>
>>>>Every radio has a "unique" pattern when you key it (due to differences
>>>>in the components etc), this pattern can be used to identify a radio.
>>>>There is no encrypted signal or anything that fancy.
>>
>>>I have my doubts about the uniqueness of the pattern generated by
>>>same-type transmitters... and the stability of the pattern as a
>>>function of temperature, time etc.
>>>But it seems another sub-thread starts to discuss this.
>>
>>>Rob
>>>--
>>>+-----------------------------------+---------------------------------------+
>>>| Rob Janssen rob@knoware.nl | BBS: +31-302870036 (2300-0730 local) |
>>>| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
>>>+-----------------------------------+---------------------------------------+
>>Lots of ways exist to "fingerprint" transmitters. One such Ham class product
>>is the
>>
>>TxID-1 from Motron Electronics in Eugene, Oregon. It works well. The
>>hardware is GREAT and the software protion is ok.
>>
>>Basically (without re-describing the whole world):
>>
>>When radios are first keyed up they each have a unique "ramp-up" to full power
>>and frequency stability.

>Since the Motron TXiD system connects to discriminator output, it is
>only sensitive to variations in carrier phase/frequency, and
>insensitive to variations in amplitude.
```

>>Gine Motron a call and they will send literature. I believe they sell a full
>>manual for $10.00 which has both a good technology description as well as the
>>usual "how to use theirs" stuff.

>I had an excellent chat with Don Moser of Motron on this topic, and
>he mentioned his new web page: http://www.motron.com.

>Bottom line is: not every radio is certain to have a unique ID, TXiD
>is a very powerful tool as part of evidence collection but can not be
>treated as infallible.

>--
> * Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
> * (310) 348-6043 | mine and do not necessarily *
> * Dana.Myers@West.Sun.Com | reflect those of my employer *
I was avoiding going into a lot of detail. Of course you are correct in that
the TxID-1 does not "read" any amplitude information, and is absolute by any
interpatation, but it is a GOOD tool to hope "prove" abuse by a given user.

Additional information like DF'ed location, attenuated readings (lots of
signal strength with attenuators in front of the guys house), recordings
(TxID-1) of the same trasnmitter when properly used (talking with ID/callsign)
are all inporatant pieces.

Also tools like APRS to let multiple stations plot a signal bearing and share
the data "quickley" over packet can also be of greate use.

The problems in Kansas are, sigh, not unique. I can tell you that the same or
similar problems exist in the Balt / Wash area as well. It is unfortunate
that we must spend time dealing with these issues, but they do keep coming
back.

We are also istalling seperate doppler type direction locators at all of our
recieve sites (12 +) and will be able to "localize" via the basic system
before real DF work with beams and similar comes into play.

Don

Donald I. Baker
Reville Engineering Services
4619 Schenley Road
Baltimore, MD 21210-2525
(410) 467-7163
Custon Harsh Environment
Computers and RF Products
"Where no PC has gone before..."

2172. Mods for Alinco DR-570??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-10 00:00:00 UTC
From: George Gorsline <ggors@tegh.on.ca>
Message-ID: <311D1BFA.5930@tegh.on.ca>
Source record: 205852

I'm interested in any mods for this rig (UHF/VHF xcvr),
especially the repeater function. tnx 73, George
VE3YV / K8HI

2173. Re: IC-2000 microphone connector FAQ (here it is!)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-10 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <4fim3l$kmv@abyss.West.Sun.COM>
Source record: 205853
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

In article <1996Feb10.012547.14732@ke4zv.atl.ga.us>,
Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>In article <4fg5f0$3r3@abyss.West.Sun.COM> myers@West.Sun.COM (Dana Myers) writes:
>>Here's a little contribution to those with IC-2000s. I've crossposted
>>to rec.radio.amateur.digital.misc for those wishing to connect a
>>1200 baud TNC to the IC-2000.
>>
>>Please send me updates or corrections...
>[snip]
>>Notes:
>>
>>* The +8V source looks like it is intended to run the DTMF encoder in
>>the standard Icom microphone. I wouldn't draw more than 10mA or
>>so from this pin.
>
>The +8 volts is to power the FET in the electret mic element.
>Icom specs the *maximum* current to be drawn from this pin as 10mA.

Well, I suppose the mic-preamp also gets power from the +8V, but there
is a DTMF encoder in the microphone, too. There's no spec in the
IC-2000 manual for maximum current drain.

>>* The up/down signal appears to be an analog input; the service manual
>>says "Up: 5.0V, Down: 0.0V, Off: 5.0V", but I believe this is an error;
>>I suspect it is more like 5.0V for up, 0V for down and 2.5V for off,
>>but I haven't measured it yet. Under no circumstances exceed 5V
>>on this line, since it is connected to the embedded microcomputer,
>>and make certain to include some series resistance, say 1k.
>
>Yes, that's completely in error. The Icom "standard" for up/down
>buttons is, the up button hard makes to ground to request an up step,
>the down button makes to ground through a 470 ohm resistor to request
>a down step. External voltage should *not* be applied to this pin at
>all, the uP supplies the sense voltage.

The up/down line is connected directly to an analog input on the uP,
and there is a 4.7k pull-up resistor; I don't think this will be
much use with a 470 ohm pull down. I tend to believe the voltage
is supplied by the microphone in this case, and I'll measure it
sometime and update the FAQ, unless someone meaures it first and
lets me know.

Thanks for the note, Gary!

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *

2174. Re: Grounding problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-10 00:00:00 UTC
From: AA4FM / 0 <debral@falcon.cc.ukans.edu>
Message-ID: <1996Feb10.115415.113717@kuhub.cc.ukans.edu>
Source record: 205854

In the January 1996 issue of "CEE News" (pg 10) there is an excellent article on how to reduce resistivity in an electrical grounding system. Most of the info is also applicable to RF.

CEE is a trade pub for those engaged in electrical contracting. Here is publisher info just in case someone would like to order a reprint:

"CEE News"
Intertec Publishing
9800 Metcalf
Overland Park KS 66212
(913) 341-1300
(913) 967-1904 (FAX)

73s

Bill
AA4FM / 0

2175. Standard C568 & 508 with 900 MHz Transmitting ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: com-com@t-online.de
Message-ID: <4fjk56$k2s@news00.btx.dtag.de>
Source record: 205708

C 568 is receiving on 900 Mhz , also the new 508.
Why not transmit? In the Airband bring both transceiver the full power !

vy 73

2176. WTB AEA ATV VSB 70 transciever

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: ema@teleport.com
Message-ID: <ema-1102960105300001@ip-pdx17-56.teleport.com>
Source record: 205765

I an looking for AEA 430A and VSB 70 ATV transcievers for the members in
my club here in Portland. Oregon.
Respond E-Mail only please.
ED Wb2QHS

2177. Re: Kenwood TH-79A(D) Deluxe 144/440 mhz

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: Jeff Goldman <75162.2371@CompuServe.COM>
Message-ID: <4fjp79$br0$1@mhade.production.compuserve.com>
Source record: 205766

I'd expect it to be replaced by the FT-79SET, already out in Japan.

I've heard that it may have a computer interface.

2178. Will The Alinco 610 Mods Void Warranty!!!!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: David Mclean <dmclean@dfw.net>
Message-ID: <4fjotj$brb@fnord.dfw.net>
Source record: 205767

I all looking at get the alinco 610 and I am wandering if the
MARS/Cap mods for the radio will void the warranty. Thanks for the help!

--
David Mclean
From The World of Hamradio
KC5NNV is Clear!

[Dfw-Hams]
Http://www.dfw.net/~dmclean

2179. Re: For Sale Postings, wrong?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: kato@qnet.com
Message-ID: <4fk01b$se@mandolin.qnet.com>
Source record: 205768

want cheese with that whine.....
tootles

In article <1996Feb4.164959.16357@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us
says...
>
>In article <4f0gn0$n39@acme.freenet.columbus.oh.us>
jyazel@freenet.columbus.oh.us (Jack Yazel) writes:
>>W8JI Tom (w8jitom@aol.com) wrote:
>>: There are getting to be a lot of for sale postings here. Isn't that
the
>>: wrong use for this group????????
>>
>>I also thought that this group is a for sale group (the title sounds
that way
>>to me.
>>
>>What is the correct use?
>
>Rec.radio.swap is the group for buying, selling, and trading of
>radio equipment. This group is for *discussion* of amateur
>equipment. It's in the charter and the FAQ. Unfortunately,
>few people seem to bother to read those anymore.
>
>Web browser access to the newsgroups is an abomination. Death
>of usenet imminent, film at 11.
>
>Gary
>--
>Gary Coffman KE4ZV | You make it, |
gatech!wa4mei!ke4zv!gary
>Destructive Testing Systems | we break it. |
emory!kd4nc!ke4zv!gary
>534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
>Lawrenceville, GA 30244 | |

2180. Re: IC-2000 microphone connector FAQ (here it is!)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb11.063342.20919@ke4zv.atl.ga.us>
Source record: 205769
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

In article <4fim3l$kmv@abyss.West.Sun.COM> myers@West.Sun.COM (Dana Myers) writes:
>In article <1996Feb10.012547.14732@ke4zv.atl.ga.us>,
>Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>>
>>Yes, that's completely in error. The Icom "standard" for up/down
>>buttons is, the up button hard makes to ground to request an up step,
>>the down button makes to ground through a 470 ohm resistor to request
>>a down step. External voltage should *not* be applied to this pin at
>>all, the uP supplies the sense voltage.
>
>The up/down line is connected directly to an analog input on the uP,
>and there is a 4.7k pull-up resistor; I don't think this will be
>much use with a 470 ohm pull down. I tend to believe the voltage
>is supplied by the microphone in this case, and I'll measure it
>sometime and update the FAQ, unless someone meaures it first and
>lets me know.

This is exactly how it works, Dana. I have the schematics for all
the Icom mikes, and have repaired more than a few. Trust me, hard
to ground for UP, to ground through a 470 ohm resistor for DOWN.
No voltage is sourced on this line by the microphone. It should
be simple enough for you to test this. Short the pin to ground,
the radio steps UP, short the pin to ground via a 470 ohm resistor,
the radio steps DOWN. Apply external voltage to this pin at your
peril.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2181. need driver circuit diagram for Icom 720A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: wa2ise@netcom.com
Message-ID: <wa2iseDMLAL8.8rq@netcom.com>
Source record: 205770

Recieved in the snail mail from Cuba (of all places!) a request for the schematic for the driver stage of an Icom 720A transciever. Seems that the Cuban ham was given this radio a few months ago, but is missing the driver stage. He homebrews stuff, so he wants to build a replacement circuit, but needs a copy of the schematic so he will know what to build.

Can someone send me a copy of the diagram of the driver stage (and if it's not too much trouble, the rest of the diagram of the radio) and I'll pass it on to him. I'm good in the callbook.

2182. Re: For Sale Postings, wrong?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: kato@qnet.com
Message-ID: <4fk02s$se@mandolin.qnet.com>
Source record: 205771

ya I think yer right, oh by the way, wanna buy my radio.....

In article <1996Feb4.164959.16357@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us
says...
>
>In article <4f0gn0$n39@acme.freenet.columbus.oh.us>
jyazel@freenet.columbus.oh.us (Jack Yazel) writes:
>>W8JI Tom (w8jitom@aol.com) wrote:
>>: There are getting to be a lot of for sale postings here. Isn't that
the
>>: wrong use for this group????????
>>
>>I also thought that this group is a for sale group (the title sounds
that way
>>to me.
>>
>>What is the correct use?
>
>Rec.radio.swap is the group for buying, selling, and trading of
>radio equipment. This group is for *discussion* of amateur
>equipment. It's in the charter and the FAQ. Unfortunately,
>few people seem to bother to read those anymore.
>
>Web browser access to the newsgroups is an abomination. Death
>of usenet imminent, film at 11.
>
>Gary
>--
>Gary Coffman KE4ZV | You make it, |
gatech!wa4mei!ke4zv!gary
>Destructive Testing Systems | we break it. |
emory!kd4nc!ke4zv!gary
>534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
>Lawrenceville, GA 30244 | |

2183. Re: solar battery chargers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: kato@qnet.com
Message-ID: <4fk0db$se@mandolin.qnet.com>
Source record: 205772

check out a company called Sunelco Inc.
they have a 123 page free catalog on solar products.
they are no doubt one of the best solar outfitters in the country.phone #
406-363-6924
fax 406-363-6046
order # 800-338-6844
they are located in hamilton montana and do a great job of mail ordering
what youll need
hope this was of some help

In article <4f2th1$i9e@news1.usa.pipeline.com>, small@usa.pipeline.co
says...
>
>I am planning a 3 week trip into the alaskan bush and would like to find
>out if anyone has any information on solar battery chargers to recharge
gel
>cell batteries used for qrp operation. i need info on price,
capabilities,
>portability, etc.
>
>thanks very much.
>
>73 stephen mallalieu, KB3CEK

2184. WTB: BROWN BRO PADDLES.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: kovar@zeus.ia.net
Message-ID: <4fk4rt$cum@hera.ia.net>
Source record: 205773

I have a pair of Brown Bro Paddles that got dropped and would
like spare parts to fix it if anyone can help me.
The model number is BTL-A.
I have never been happy with any other paddles.
I use these paddles on the air and wish someone would sell me one of their
Browns that just sit on their shelf.
I do not care if they are scratched up. Just need a good working set.
In my mind it makes me mad that some people collect these and never use
them.
The next best bet is a HAM KEY. If someone has a Ham Key paddle that no
longer needs it, I think it is a copy of the BROWN. It may work fine too.

Thanks,

Jack Kovar
KE0AX
KE0AX@ia.net
319-378-9852
Toddville, Ia.

2185. FS $300 IC-24AT Dual band HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: Justin DeFouw <j_dogg@grfn.org>
Message-ID: <311E1E06.60CF@grfn.org>
Source record: 205774

FOR SALE FOR SALE FOR SALE FOR SALE FOR SALE FOR
SALE

Icom IC-24AT Dual band HT 2m/70cm. Good condition. Comes With A 5
watt battery and a 1.5 battery. Also comes with a useful One Hour Quick
Charger and the trickle charger that came with the radio. Here are some
of the specs; Full Duplex between 2m/70cm & vs. Four DTMF Memories.
40 Memory Channels. All PL Tones. Built in on/off timer & battery saver.
Receives Aircraft, Police, Weather, Cellular Phones, I even picked up the
Schools Bus Freq once.

Receive approx 110-127 MHz
approx 140-190 MHz
approx 400-499 MHz
approx 800-950 MHz

Transmit 140-150 MHz
440-450 MHz

WITH EVERYTHING: $300 OR Best Offer.

I live in Grand Rapids MI. Willing to ship to the 48.
For Offers OR Questions E-Mail j_dogg@grfn.org

Justin DeFouw

2186. Re: Drake SW8 wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: timscott@europa.com
Message-ID: <4fju7r$9b4_001@europa119.europa.com>
Source record: 205775
Cross-posted to: rec.radio.amateur.equipment,rec.radio.shortwave,rec.ham-radio.swap

>I am looking for a reasonably priced Drake SW8. Does anyone out
>there have one for sale?
>
>I am interested also in finding out the best prices for new SW8s
>as well.
>
>Does anyone know what kind of internal AM antenna the SW8 has?
>Is it a ferrite loop? I need to know if I can use my inductive
>loop with it. Also, how do you like it? (I have a Drake R8 and
>enjoy it immensely).
>

in a c. crane company catalog it sales for 699.95.
it has a outside mounted antenna mounted in the front of the unit.

2187. Baycom Packet

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: allan@thompson.zynet.co.uk
Message-ID: <311dfe28.59600930@news.zynet.co.uk>
Source record: 205776

I am trying to get hold of a copy of Baycom. I understand that no TNC is required for it. Advice would be appreciated. Also connections to and from the transceiver.

Thanks in advance

Allan

2188. Re: Modifications for FT2700RH

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: raki@metronet.com
Message-ID: <4fl56t$37t@feenix.metronet.com>
Source record: 205777

Alan Raskind <alan.raskind@trw.com> wrote:

>gary.mckelvie@ukonline.co.uk wrote:
>>
>> Does anybody know of any modificatios for the ft2700 to give extended receive.
>>
>> tnx 73`de Gary GM7USC

>Many years ago I modified a Yaesu RH2700 for extended receive. All I got
>for my trouble was to extend 2M up to 153.40MHz. 440 didn't go extend as
>I remember. The mod was to re-locate some diodes in the front panel
>control board which was a bitch (as I remember). The one thing that I do
>remember was after it was all done, it wasn't worth it. Way too much
>work for way too little gain.

>'73 de Alan WA6AQC

Well my 2700RH had a few mods done - like cross band repeat and
extended rx/tx to 430-450 (was 440-450)

Here's what I have :

Well - I'll have to get them from my other computer system, and for
some strange reason ALL mods databases no longer have the sheets on
the ft2700rh. Oh, well - e-mail me and I send them to you.

This is all I could find doing a search....

A mod for cross-band:
I modified mine to do cross band repeat.
Bring the busy (led) signal out to the mike jack on the "speach"
line, assuming it does not have the voice option.
Use a transistor switch to use the signal to key the PTT line.
Run a 500k resistor from the speaker audio out to mike audio in and
the volumne control at about half way will give good levels.
House the whole thing in a mike plug, no external cables.
Set up the radio for "full duplex", receiving on one band and
transmit on the other. Unplug your mike and plug in the cross band
plug.
This only works from one band to the other. Cross band from either
band is
possible with a little extra circuitry and explanation. Sent me your
FAX number
it you would like it.

Ken.
--

Ken Thompson N0ITL

Disk Array Hardware Development

Peripheral Products MPD-Wichita

NCR Corp. an AT&T company

3718 N. Rock Road Wichita,Ks 67226

(316) 636-8783

Ken.Thompson@wichitaks.nc

****
Raki - Glenn Johnson - KB5VQI - Fort Worth Texas USA
HM - raki@metronet.com WK - glenn.johnson@ast.com
WWW - http://www.metronet.com/~raki/raki.html

2189. Need Schematics for IC-225

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: ea4abb@linux.ea4abb.ampr.ORG
Message-ID: <Pine.LNX.3.91.960211132916.163B-100000@linux.ea4abb.ampr.org>
Source record: 205778

Hello everybody...

I have an IC-225 Icom transceiver, but some days ago I have a little big problem. When I transmit the transceiver make QRM 55 Khz up and 55 khz down.

I do not nedd to module the carrier, this QRM is done with only pushing the PTT.

I am looking for the schematic of this transceiver to try to solve it..

Perhaps someone can help me and had the same problem than me and solved it ??

Any comments are welcome.

Please e-mail me...
Tnx

___ __ __
/ __ / / ___ _ __/ /___
/ - / \/ \ / _ \/ /\/ _ / \
/ _ / - / - / __/ / / / / - /
Saludos de /_/ ___/__/___/_/ /_/ __/
_____

e-mail: ea4abb@ea4rct.clubs.etsit.upm.es
ampr: ea4abb@linux.ea4abb.ampr.org
ax25: ea4abb@ea4een.eam.esp.eu
fidonet: Roberto Munoz 2:341/64.10
http://www.etsit.upm.es/~rclub -> Paginas WEB del Radioclub EA4RCT

2190. Cross band split on IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: wave@mindspring.com
Message-ID: <4flaau$lsb@firebrick.mindspring.com>
Source record: 205779

I read on a IC-706 brochure that the IC-706 would work for mode A or K on the satellite. However; I am not able to do a cross band split. Can anyone help?

Thanks
Pieter
AC4OP

2191. WTB IC-475 430 ALL MODE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: wave@mindspring.com
Message-ID: <4flacq$lsb@firebrick.mindspring.com>
Source record: 205780

I am looking for an IC-475 in good condx.

AC4OP
Pieter
wave@mindspring.com

2192. Re: Conversion info wtd on TS-130S WARC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: turner@safety.ics.uci.edu
Message-ID: <4fl40u$l83@safety.ics.uci.edu>
Source record: 205781

In <4fdpf7$884@news1.cle.ab.com> Bill Shinko <Bill.Shinko@cle.ab.com> writes:

>I have a TS-130S in great original condition and would like to know
>where I can get info regarding mods that will add WARC bands to this rig.

Hi Bill:

I believe all that information is in the manual. If you don't have
the manual, write to me and I can read off the instructions or
mail you a copy of that page. I recall it is very simple, like removing
one jumper wire under the top cover.

Clark
WA3JPG

2193. FS $300 Dual Band HT IC-24AT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: Justin DeFouw <j_dogg@grfn.org>
Message-ID: <311E1D1F.E9C@grfn.org>
Source record: 205782

FOR SALE FOR SALE FOR SALE FOR SALE FOR SALE FOR
SALE

Icom IC-24AT Dual band HT 2m/70cm. Good condition. Comes With A 5
watt battery and a 1.5 battery. Also comes with a useful One Hour Quick
Charger and the trickle charger that came with the radio. Here are some
of the specs; Full Duplex between 2m/70cm & vs. Four DTMF Memories. 40
Memory Channels. All PL Tones. Built in on/off timer & battery saver.
Receives Aircraft, Police, Weather, Cellular Phones, I even picked up the
Schools Bus Freq once.

Receive approx 110-127 MHz
approx 140-190 MHz
approx 400-499 MHz
approx 800-950 MHz

Transmit 140-150 MHz
440-450 MHz

WITH EVERYTHING: $300 OR Best Offer.

I live in Grand Rapids MI. Willing to ship to the 48.
For Offers OR Questions E-Mail j_dogg@grfn.org

Justin DeFouw

2194. WANTED: Kenwood TH-28A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: tadunlap@centuryinter.net
Message-ID: <4fl82s$7m3@news.pc.centuryinter.net>
Source record: 205783

Anyone selling a Kenwood TH-28A handheld ham radio? E-mail me at :

tadunlap@centuryinter.net

2195. Re: QSK Cookoff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4fku30$49n@newsbf02.news.aol.com>
Source record: 205784

>
>OK OK chops everything, a real minceamatic. If it just chopped dots, I
>could increase the fake "weight" control to lengthen the dashes :*)
>

Hey, I like that. Minceamatic QSK, a new invention!

Couple that with the patent pending NARC ("not a real (weight) control"),
and we've got a hit! A minceamatic NARC. That outta cut down on crime.

That's good Steve!

2196. Re: Advice on Icom 751

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: Ginsberg Family <ginsberg@netport.com>
Message-ID: <4fl8lb$mu5@netport.com>
Source record: 205785

Hy, from Ed KE6BNL. I purchased the IC-751A as my first hf rig as a new ham. I couldn't be happier. I have had a number of people want to trade it for more modern and newer rigs, I choose to hang on to it. The prices mentioned see to be a good choice $600-$800 I perchased mine at a garage sale with 80ft.tower coax and guy wires and a butternut verticle. I won't mention the price because it makes people sick. I was able to get on the air and use it with no help and have a ball. Let me know when you get it going and we can go at it dualling 751's GOOD LUCK Ed.
It is also nice it the radio has the built in power supply, I was lucky enough to have that feature. I take mine it my trailer camping on 12volts and use a screw drive antenae with good luck.

2197. Re: Virtual Radio Rally - Traders Hall now Open !

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: Michael J Wooding <vhf-comm@g6iqm.demon.co.uk>
Message-ID: <e4N3EaA+WkHxEwEn@g6iqm.demon.co.uk>
Source record: 205786
Cross-posted to: uk.radio.amateur,rec.radio.swap,rec.radio.amateur.equipment

In article <823958346snz@marks.demon.co.uk>, Mark <uk-
mark@marks.demon.co.uk> writes
>I'm also after more Ham Rally info -
>I will advertise any Ham Rally in ANY part of the World *FREE*

British Amateur Television Club Rally 96
The Sports Connexion, Coventry
Sunday April 28th, 1000 to 1700 (disabled 0930)
Entrance UKP1.00, OAP and under 14 50p

Over 200 trading tables, Club displays, Outside Broadcast TV display,
large Boot Fair, Bring & Buy, BATC Club stand, etc.

All enquiries to Mike G6IQM.
Tel: 01788 890365; Fax: 01788 891883; Mobile: 0860 857434;
Pager: 0941 161125; Email: vhf-comm@g6iqm.demon.co.uk
CompuServe: 10441,377

You should be able to get hold of me!

Michael J Wooding vhf-comm@g6iqm.demon.co.uk - CompuServe: 100441,377
Web Pages: http://www.eolas.co.uk/ag/vhfcomm.htm
Tel: (0)1788 890365 Fax: (0)1788 891883
KM Publications, 5 Ware Orchard, Barby, Nr.Rugby, CV23 8UF, UK
VHF Communications Magazine - Especially Covering VHF, UHF and Microwaves

2198. Re: HELP, EFFECTIVENESS OF LINEARS ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4flgvc$g7o@crash.microserve.net>
Source record: 205787

w8jitom@aol.com (W8JI Tom) wrote:

>Here's how I look at ten, twenty, and 160 meters examples.

Excellent analysis Tom! The gap widens even further when you consider used gear. A good, used 1,500W (input) amplifier can often be had for less than $500. It would be practically impossible to duplicate that 9-10 dB increase in signal strength on all the HF bands, at that cost, with an antenna farm. In addition, although a collection of used antennas and wire arrays might come close, a heavy-duty rotator old enough to be discounted into this price range would probably be less than reliable, and a tower might even be dangerous.

Getting back to the original question, a couple S-units in NOT insignificant, and anyone who thinks otherwise has probably never used an amplifier! Even just increasing power to the 500-600W output level makes HF operations MUCH more reliable. Sure, there are many times it's not required (and might even be considered wasteful), but the higher noise level and overcrowding on the lower HF bands can render barefoot operation a real chore. Maybe I'm getting lazy, but I just don't like fighting the QRM and QRN through a long CW ragchew anymore. That's not fun, it's hard work.

Incidentally, I consider QRP to be a totally different topic from all this. Running 1W (or 100mW) presents challenges that are unique to those power levels and can't be duplicated by either 1KW or the typical 100W-output transceiver. There's also an inherent interest in homebrew among QRP ops, and I have no small respect for someone who has the ability to earn WAS with a homebrew rig running 1W or less. I don't seem the have the patience for QRP anymore, but these guys are using and improving the skills that make someone a *real* operator.

73,
Jack WB3U

2199. Re: HELP, EFFECTIVENESS OF LINEARS ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4fl1hl$54i@newsbf02.news.aol.com>
Source record: 205788

Hi Tom,

Here's my reasoning on this.

In article <4fg8ks$obd@kocrsv08.delcoelect.com>, Tom Pfaffenbach
<tvpfaffe@mail.delcoelect.com> writes:
>As far as "S" readings are concerned, about all that can be said, is that
>they will increase somewhat when the amplifier is turned on.

But since nearly all S meters are 3 to 5 dB dB per S unit, a 1500 watt amp will give ~~ a 4 S unit increase! In the fake and esoteric "S" units we are all used to, that's a lot. Even in "real" gain, 12 dB is a bunch!

>The single most important factor in radiating a good signal is having a
good
>antenna.

A good antenna is very important. But once the antenna is fairly efficent gain is hard to get on the lower bands! I always like to compare a dipole or other effective wire antenna to an antenna at the same height that will give me the same gain as the amplifier will. Here's how I look at ten, twenty, and 160 meters examples.

For ten meters, I can buy 12 dB for $2500 in a new PA and install a cheap wire antenna for ~~$50, or spend $2550 on an antenna alone. How much gain would I get in each case? A 60 ft guyed tower and a REAL twenty dB gain 10 meter yagi, tower, and rotator should cost about $2500. The antenna would help receive also, so that's good. I'd just get the antenna. But if I wanted another 3 dB (or more), I'd buy an amp! With my 12 dB gain yagi I'm at the limit of practicality. A 16 dB gain yagi system would cost a small fortune!

On twenty the 12 dB gain antenna would be *very* large and expensive to maintain. It would certainly cost more than $2550 when the tower and rotor (if I want to talk in more than one direction) is included.That's bad. On twenty, a better choice would be a 6 dB gain antenna and a small 6 dB gain PA ! I could do that for $2550.

Now look at 160, a ten dB gain antenna costs more than most of us make in a year, and takes up several acres of space. But the 12 dB amp still gives 12 dB! On 160, it's a not worth doing anything fancy with the antenna (other than a good basic installation and a cheap receiving antenna) until you've reached the 1500 watt limit!

The best choice on 160 is the biggest amp you can afford (and get away with running) and a simple but efficient wire TX antenna.

73 Tom

2200. Re: ic706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9602112018.AA20056@sauron>
Source record: 205789

Top cover(if screwed down to tightly can cause problems!!
I believe that possibly the spring clip keeps the top cover
from shorting out any traces aon that back topt side board.
If the cover is tightened down to hard, it deflects, and bows
downward.
Some people have blown parts, while others luck out with no damage.
I believe Icom has a bug here mechanically, so be careful.
Lightly tighten the top cover screws down, also reform that clip
so that its becomes V-shaped(> 60 degrees, then place top cover on,
don't tighten top cover 4 screws to tightly, just lightly.

In article <9602061540.AA00827@shelob>, you say:

I noticed there was a severe loss of sensitivity on my new 706
and I read your note below. I placed tape under the spring clips and
hope this helps. I do not have the optional filters installed, so my
question is does this happen even when they are not installed. Also there
is a felt strip between the spring clip and the top cover on mine??????
I am new to ham radio and don't have a lot of electronics knowledge in
this matter. Will be installing the rig in my mobile hopefully tomorrow
in place of my Icom 2340.......e-mail me if you can...Thanks..Ray KE4UYN

>
>I had returned my IC706 for service, not related to your receive
>problem. When I got it back it did not receive well on VHF.
>What I found out, If I unscrewed and removed the top lid, it
>worked. If the top cover is screwed down to tightly, the spring
>grounding clip, on the filter switch board near the back(top)side
>of the radio, which contacts the top cover, shorts the filters out
>on the receiver on VHF.
> To eliminate this, I reform the spring clip to protrude more upward,
>then put the cover back on. Now no problems. Check this out. A lot of
>the IC-706 top lids are really not screwed to tightly down. If you
>really tighten them down, after installing the optional filter,
>the soldered spling clip and the back filter board presses to adjacent
>traces on this filter board, causing lost sensitivity.
> Another way would to put some tape/insulating material around, underneath
>this clip to prevent it from touching the traces underneath it.
> This grounding clip is necessary and has to touch the top cover for
>stable operation(no ground loops).
> Hope this helps you.

2201. anyone have RADIO/TECH EDITION 8A ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: sba3020@InfoNET.st-johns.nf.ca
Message-ID: <4fl4gc$gej@coranto.ucs.mun.ca>
Source record: 205790

I would like to talk to someone who has the ARTsci RADIO/TECH
EDITION 8A modifications book. If anyone has this book please E-mail
me at sba3020@infonet.st-johns.nf.ca or post a reply. I am looking
for anyone with the 8A edition and not the 7A edition as someone posted
earlier.

2202. WTB HW-9 QRP RIG

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: flanders@znet.groupz.net
Message-ID: <4flpth$b89@news1.sunbelt.net>
Source record: 205791

I need a Heath HW-9 with the WARC band pack installed. Any condition considered, but must have WARC bands and full manual. Accessories OK, but not required. Please quote exact condition, appearance, accessories and price.

Thanks

Jerry Flanders W4UKU South Carolina flanders@groupz.net

2203. Info on the Kenwood TR-751E

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: D.E.M.Cuff@exeter.ac.uk
Message-ID: <DMMuHD.LF6@exeter.ac.uk>
Source record: 205792

Does anybody know anything about the Kenwood TR-751E radio? Is it any good? How does it compare to other 2m multimodes? How much should I be paying for a second hand one, in good condition but about 5 years old?

I'm trying one out now on loan, but I'd like to know what other amateurs think.....

Please e-mail me at D.E.M.Cuff@exeter.ac.uk

Thanks a lot!!

2204. Periphex Inc-still around?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: al bolton <al@boltons.demon.co.uk>
Message-ID: <824058597snz@boltons.demon.co.uk>
Source record: 205793

Hello,

I have been referred to a company called Periphex Inc of Oxford, Connecticut, as a supplier of very good ni-cad battery packs for handhelds. Unfortunately the address and fax number I was given appear to be out of date, or the company has gone bust.

Does anyone know if the company is still going but in another location somewhere? I would be most grateful for any information.

Thank you,

Al Bolton
OK8VSQ/OM/G4VSQ
Caversham, UK

2205. Anyone experience with Standard C5718 models ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: patrick@hacom.nl
Message-ID: <DMMMn7.2HB@hacom.nl>
Source record: 205794

Hoi,

I am plannng to buy me a brand new mobile transceiver .
(yep, good for me).

Laid eyes on the C5718 model, manufactured by Standard, cause
of good experiences with the older model C5600D wich I use as
a home-station right now.

I wonder wether you have any good or bad experience with this
new model. Should I buy it or not, what are it's pro's and con's
related to other models like intermodulationrejection i.e. .

Do you know any site where I can find any info on Standard
products ?

Thanks in advance.

Patrick (PE1NTU)

patrick@hacom.nl

2206. German ham mag reviews DSPs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: fedpress@omnifest.uwm.edu
Message-ID: <4flcnv$d07@omnifest.uwm.edu>
Source record: 205795

What follows is a brief synopsis of an article reviewing the latest crop of digital signal processors that appeared recently in the German ham magazine "Funk". I would like to thank Hans AE9G for his assistance in translation.

-- Rick WB9GYT

The article has the following sub-headers:

What: just a filter?
Description of the CPUs
Notch filter
(A table)
Noise and interference reduction
Audio frequency filter
The instruction manuals
The construction (box/control panel)
Further features

The futher features section noted the spotting tone of the MFJ-784B; the self-test and tone generator (to adjust the center frequency) of the DSP-59+ from Timewave; JPS's NIR-12 "can even be used transmitter fashion, to processing one's own modulation. The manual suggests this for use in vehicles with high noise levels. JPS has software and an interface to process received signals with one's own computer for the knowledgeable person."

The final (summary) section of the article states "The instruments are drastically different in their style and type of features. So for that reason, a general comparison is impossible. Considering the properties where a general comparison could be made, the instruments seem rather similar and are not that different. In many regards, the subjective perception is very important.

"Whoever does not only prefer the digital modes, might like the MFJ-784B with the preprogrammed filters and comfort in use and for the possibility of storing its own filter configurations. Not only visually-impaired users will like the talk mode.

"As opposed to that, the DSP-59+ is the only one that has an optical readout of all concrete selectable frequencies. At the narrow bandwidth of 25 Hz, i8t is probably particularly attractive for the CW purist or EME people. Probably it would also be very useful for a technical person, the possibility of using the instrument as an audio frequency generator. The self-test promises continuing knowledge of the function of the instrument.

"Concerning the NIR-12, particularly many different interferences can be reduced or toally removed using the noise and interference functions: NIR and PEAK. For me, it's a big advantage, not only because of the additional

possibility of doing signal processing with one's own computer, the NIR-12 probably offers the greatest possibilities of separately coping with the desired and undesired signals.

"Finally, the buyer has to look at the features and has to decide for each instrumen which would correspond the best according to the user's personal needs (operating modes, etc.)."

2207. Re: IC-2000 microphone connector FAQ (here it is!)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <4flusj$d0o@abyss.West.Sun.COM>
Source record: 205796
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

In article <1996Feb11.063342.20919@ke4zv.atl.ga.us>,
Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>In article <4fim3l$kmv@abyss.West.Sun.COM> myers@West.Sun.COM (Dana Myers) writes:
>>In article <1996Feb10.012547.14732@ke4zv.atl.ga.us>,
>>Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>>>
>>>Yes, that's completely in error. The Icom "standard" for up/down
>>>buttons is, the up button hard makes to ground to request an up step,
>>>the down button makes to ground through a 470 ohm resistor to request
>>>a down step. External voltage should *not* be applied to this pin at
>>>all, the uP supplies the sense voltage.
>>
>>The up/down line is connected directly to an analog input on the uP,
>>and there is a 4.7k pull-up resistor; I don't think this will be
>>much use with a 470 ohm pull down. I tend to believe the voltage
>>is supplied by the microphone in this case, and I'll measure it
>>sometime and update the FAQ, unless someone meaures it first and
>>lets me know.
>
>This is exactly how it works, Dana. I have the schematics for all
>the Icom mikes, and have repaired more than a few. Trust me, hard
>to ground for UP, to ground through a 470 ohm resistor for DOWN.
>No voltage is sourced on this line by the microphone. It should
>be simple enough for you to test this. Short the pin to ground,
>the radio steps UP, short the pin to ground via a 470 ohm resistor,
>the radio steps DOWN. Apply external voltage to this pin at your
>peril.

Of course, Gary is correct...I'll have to update the FAQ..

thanks!!

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *

2208. Re: Ham Radio Trader

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: harlan.falkin@prostar.com
Message-ID: <0000121D00000B94@prostar.com>
Source record: 205797

Thanks, I am in touch with them now. Appreciate all the responses! WB7OWF

2209. HT and Mobile 2 M For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: harlan.falkin@prostar.com
Message-ID: <0000121D00000B8F@prostar.com>
Source record: 205798

Rick: Will the batteries for the Icom take a charge. I am looking for an HT 2 meter radio. Harlan WB7OWF

2210. Update...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: n9mxt1@aol.com
Message-ID: <4fm1la$hji@newsbf02.news.aol.com>
Source record: 205799

Hello all,
Still working on buisness with the company... but, so far everything looks like it might work out after all. I guess what it takes is someone to make a statement about a problem to get things rolling around here.. Will keep you updated later... but, for now everthings starting to get better!

N9MXT1 - Jeffrey
N9MXT - Jeffrey

2211. Opinions on Ramsey FX-146?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: Russ Roslewski <roslewskirb96%cs26@cadetmail.usafa.af.mil>
Message-ID: <311ECFA4.25E@cadetmail.usafa.af.mil>
Source record: 205800
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital

Hi all,
I was looking at possibly getting an FX-146 for use with packet.
Since I don't require real frequency agility, just a few channels, this looks
to be a good kit. I do have the following questions:

- It says it's 9600 compatible; how well does it do?
- Easy to build/good instructions?

Anyone with any practical experience on this rig, please give me your
opinions.

Thanks and 73,
Russ KI7FL
--
roslewskirb96%cs26@cadetmail.usafa.af.mil __|__
PP-ASEL (AOPA #01215297) KI7FL (DM79na) CAP _______(*)_______
"Pick me up so high...where eagles fly!" - Sammy Hagar o/ \o
"This content in no way reflects the opinions, standards, or policy of
the United States Air Force Academy or the United States government."

2212. WTP: QRP RIG

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: Terry Funk <tf@primenet.com>
Message-ID: <4fml12$gfe@nnrp1.news.primenet.com>
Source record: 205801

I would like to purchase a QRP rig that is
in workable condition. If anyone has something
they want to get rid of please email me at:
tf@primenet.com.
thanks
terry

--

::
For an interesting non-vanity homepage see:
http://www.primenet.com/~tf/geoman.html

2213. Sale:Motorola UHF Micor 100/Watts

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: Ken Yu <ak165@lafn.org>
Message-ID: <311D70EF.678B@lafn.org>
Source record: 205802

> 100/watts Motorola Micor Mobile Radio standard/widespace no pl.
> I mod the radio to repeater and pre-tune to 447.000 out and
> 442.000 in. It will have audio in/out, PTT, COS and tx and rx ant
> port and interface cable after mod.(come with channel element but not
> X'tal)
> asking $225 I ship anywhere US. Please contact me via e-mail or call
> 1-818-288-9728.
> > > > > > I also have many motorola 2 tone pager reed asking $3 each
> KNX1024A channel element asking $5 each.

2214. UHF Repater For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: Ken Yu <ak165@lafn.org>
Message-ID: <311DA17D.1180@lafn.org>
Source record: 205803

>This Repeater is modified from 100 watts Motorola Micor standard/wide-
>space mobile radio. It have internal volume, sql control, one channel
>element, rx/tx antenna port and interface cable with B+/B-, PTT, COS,
>audio/in, audio/out. All repeater will tested and pre-tune to
>442.000/in, 447.000/out.(x,tal not inculded)I will provide the x'tal
>vendor information for your reference. Asking $225 I pay shipping
>anywhere US. Please contact me via e-mail or call 1-818-288-9728
>** ken or John**

2215. ICOM IC 706 AIRBAND-Transmitter 10 Watt

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-11 00:00:00 UTC
From: com-com@t-online.de
Message-ID: <4fjjrg$k2s@news00.btx.dtag.de>
Source record: 205804

what must i do to transmit with the 706 with more as 0,01 Watts in the airband. liz. ok.

vy 73

2216. %% WANT KNWS VS-1 %%

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: CBAX63A@prodigy.com
Message-ID: <4fm0do$1sgo@usenetp1.news.prodigy.com>
Source record: 205709

Will pay cash and shipping for a KENWOOD VS-1 Voice Synthesizer Card in
working condition ONLY.
-
ROLAND S GETER SR
CBAX63A@prodigy.com
WB6LNA@KC7Y.AZ.USA.NOAM

2217. Hamm radio club need donationes

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: bunker1@ix.netcom.com
Message-ID: <4fm5pu$9oh@ixnews6.ix.netcom.com>
Source record: 205710

Hi, I am writing for the Stoughton High School Amateur Radio Club. We recently recieved our club call sign and just found an advisor. The town we are located in is Stoughton, MA. We are in need of equipment to get the club going, like antennas, recievers, etc... The president is Jack Hamm III, callsign N1REU . I am not licensed yet but have half the requirments. There are only two licensed hamms in the school out of 1100 kids so we want to get the club going to get people interested. I am not in possesion of the club call sign but if you call Jack at 617-344-4636 and e-mail me we can fill you in on the details. Thanks in advance.

2218. Re: anyone have RADIO/TECH EDITION 8A ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: subbustr@whidbey.net
Message-ID: <4fm63e$pob@whidbey.whidbey.com>
Source record: 205711

I have one... subbustr@whidbey.net dave

2219. (no subject)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: eaves208@sat.NET
Message-ID: <199602120245.UAA05834@raven.sat.net>
Source record: 205712

Thank You Jim KK5FB 73'S eaves208@sat.net

2220. ICOM IC-2SAT HELP!?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: NAME: 100623.303@CompuServe.COM;
Message-ID: <4fm7ts$no7$1@mhade.production.compuserve.com>
Source record: 205713
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,uk.radio.amateur

I have just bought an ICOM IC-2SAT minus instuction manual.
can anyone help me with the following points:-

1) does this radio have a tone burst for reapeter use ,if so how
is it operated?

2) my radio seems to have rx 100-200 Mhz and tx 140-150Mhz
but the disply will read 0-1300 Mhz. does this mean it can
be made to receive from 0-1300 Mhz if so how?

3)does anyone know of any other mods or add-on modules for the
2-sat ?

i would be greatful of any help or details on this radio..

THANX

ROB!!!!!

2221. Kenwood TSU-6 CTCSS **Wanted**

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: jfox@pathcom.com
Message-ID: <4fm996$379@pathway1.pathcom.com>
Source record: 205714

I am looking for a TSU-6 CTCSS unit for my Kenwood 241A.

If you have one for sale please give me a e-mail.

Thanks Jim jfox@pathcom.com

2222. Re: HELP, EFFECTIVENESS OF LINEARS ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: sherwood@oribi.cig.mot.com
Message-ID: <4fmboa$1ms@newdelph.cig.mot.com>
Source record: 205715

>on-line, and throws off a lot of oily hot air from its' cooling fan, and
>has 4-1000 tubes with the plate glowing almost yellow white, and old 972
>mercury rectifiers flashing blue light with your voice peaks, you
>personally, will feel a bigger thrill from the hobby!
>Happy DXing! 73 - K9JDU

Where do you find such a beast? I would settle for one with a solid state
supply though.
chuck sherwood
sherwood@cig.mot.com

--
Chuck Sherwood
sherwood@cig.mot.com

2223. FS: Drake TR-4C & PS, Cheap

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: tony@bright.net
Message-ID: <4fmbad$g0e@brutus.bright.net>
Source record: 205716
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

Greetings!

I wish to sell a spare Drake TR-4C transceiver and AC-4 power supply. The rig was advertised as "nice, low output" when I bought it, but I can't honestly say it is...see a separate message for the gory details of the sham transaction, and beware David Posmoga K3MGC!

Anyhow, in the interest of full disclosure, I'll try to describe it accurately. The rig works quite well on receive, with all receive functions. The transmitter is not working properly, and I believe the cause to be the finals or associated components. The cabinet looks OK, but has been repainted, and there is a small bend in the lower left front. The knobs all match, but only the tuning knob is original Drake. :-) The front panel looks nice, and the rig has a full set of tubes. The chassis needs cleaning.

On the other hand, the AC-4 is real nice, and works well.

So, I would rate this as a cheap fixer-upper, or very complete parts set. I don't think it is too far from being "airworthy". :-)

I would prefer to swap for other Drake gear, tube-type receivers, or early solid-state receivers. I'd even pay shipping in trade for a nice R-4B. I will also sell the rig and PS outright.

Now get those replies rolling!

73 de N8SNC, Tony

2224. Broadcasting Radio Station Database for you.....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: chuck <chuck@mail.flinet.com>
Message-ID: <4fme8u$bsf@news.flinet.com>
Source record: 205717
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.noncomm,rec.radio.scanner,rec.radio.swap

Friend,

A fully functional standalone Broadcasting Radio Station Database for IBM and compatibles with more than 4,000 Radio Station records already. This program covers stations on Longwave, Mediumwave, and Shortwave. Each record contains the Station name, Frequencies, Schedule, Languages, Country, and Continent. The program sorts in same order.

What's needed to get it? Your EMail address and your Postal Mailing address for registration and future information via Post of other Radio Related Database programs. This information will be kept confidential.

If you can read a document written in MS Word(extension is DOC), request the operating instructions for the Radio Station Database Program called Voyageur. You'll get an idea from reading this document of the Voyageur Database and what it does.

Incidently, the program offered with this notice is valid until June 6, 1996.

Hope to hear from you..

Chuck

KA4PRF

2225. Re: Periphex Inc-still around?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4fm3db$neq@news.ccit.arizona.edu>
Source record: 205718

al@boltons.demon.co.uk writes:
>Hello,
>I have been referred to a company called Periphex Inc of Oxford, Connecticut,
>as a supplier of very good ni-cad battery packs for handhelds. Unfortunately
>the address and fax number I was given appear to be out of date, or the
>company
>has gone bust.
>Does anyone know if the company is still going but in another location
>somewhere? I would be most grateful for any information.
>Thank you,
>Al Bolton
>OK8VSQ/OM/G4VSQ
>Caversham, UK

Here's what I have on various after-market battery makers:

Battery-Tech, Inc.
800-442-4275, 28-25 215th Place, Bayside, NY 11360 USA, 718-631-4275 voice,
718-631-5117 fax.

W & W Associates, 800 South Broadway, Hicksville, NY 11801-5017 USA,
800-221-0732 USA/Canada, 516-942-0011 voice, 516-942-1944 fax.

E.H. Yost & Company, 608-831-3443 Voice, 608-831-1082 fax, 2211 D Parview Rd.,
Middleton, WI 53562 USA. (a.k.a. Mr. Nicad)

Alexander Battery Co. West, 800-421-1108 outside Cal., 800-327-0814 in Cal.,
Fax 619-480-1351, POB 28880, San Diego, CA 92198 USA

Alexander Batteries, 1511 S. Garfield Place, Mason City, IA 50401 USA,
515-423-8955 voice, 515-423-1644 fax.

Periphex, Inc., 115-1B Hurley Rd., Oxford, CT 06478 USA, 800-634-8132,
203-264-3985 voice, 203-262-6943 fax.

And somewheres around here I thought had a J-Bro catalog, but I can't find
it. Note that the W&W and Battery-Tech catalogs look the same, and have the
same dates on them. I don't know if it's the same company or what.

Chris - N7RME

2226. Re: Mods for Alinco DR-570??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: jennings@spindletop.tamu.edu
Message-ID: <4fm28k$hgs@news.tamu.edu>
Source record: 205719

George: On your mods for the 570, I put the cross band repeater option in mine several months ago. It is easy to do. A little circuit board goes inside and you get a new cover for the radio that has the Radio/Repeater switch on it. I think that some of the later 570's had this installed from the factory. Call ALINCO in California and get the info from them. I ordered the kit from AES, but they did not know anything about it. I had to get the correct info from ALINCO directly. I cannot find my information or I would pass it to you.

73, de Jim, KE5HE
--
Cheers, Jim
jennings@spindletop.tamu.edu

2227. Re: Periphex Inc-still around?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: al bolton <al@boltons.demon.co.uk>
Message-ID: <824113794snz@boltons.demon.co.uk>
Source record: 205720

In article <4fm3db$neq@news.ccit.arizona.edu>
cweddle@astro.as.arizona.edu "Chris Weddle" writes:
> Here's what I have on various after-market battery makers:
<MUCH USEFUL INFO SNIPPED>

Chris,
Many thanks for your very comprehensive list-I have been in touch with everyone on it and I will now sit back and compare the prices (even the most expensive is MUCH cheaper than buying in the UK!)

Periphex are no longer at Oxford, CT-they have moved to Mass. and even have a page on the Web http://home.navisoft.com/periphex/index.html (thanks to KE4NRJ).

Cheers,
---
al bolton
ok8vsq/om/g4vsq
caversham, uk

2228. Yaesu MH-27 Microphone

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: Al Wong <alwong@mitre.org>
Message-ID: <4fm877$8r1@linus.mitre.org>
Source record: 205721

I have just purchased a Yaesu FT-5200 with the MH-27 w/DMTF microphone. The problem is that there were no instructions on for the microphone. My question is what is the A B C D buttons for? The 5200 manual does point out the fact that the P button is non-functional on the 5200.

Any response/help would be greatly appreciated.

--
Al Wong The above opinion does not reflect that
KF4GDD of my employer. As with ALL my opinions,
alwong@mitre.org I write them, you intrepret them.

2229. Need Trans Oceanic A600 help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: George Rybicki <seryb@lims01.lerc.nasa.gov>
Message-ID: <4fndte$757@sulawesi.lerc.nasa.gov>
Source record: 205722

Hi, I picked up a TO A600 at a swap meet this weekend. I guess this an early 50's
model, am I correct. It works pretty well but could use a tune up, can anyone help out with a schematic or manual copy. Lastly I want to put together a set up spare tubes
and don't want to spend $30 on a 1L6, has anyone used a 1R5, 1A7, 1B7, 1C6, 1D7 etc.
to replace the 1L6. Thanks in advance for the help. George

2230. Re: ICOM IC-2SAT HELP!?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <824133506snz@microvst.demon.co.uk>
Source record: 205723
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,uk.radio.amateur

In article <4fncpo$kq4@info-server.surrey.ac.uk>
P.Manning@ee.surrey.ac.uk "Philip Manning" writes:

> To Rob, You had better alter your Compuserve address, otherwise mail will
> bounce, bring your address CompuServe.COM down to lower case, otherwise you
> might not get any mail at all, if somebody copies it verbatim.
>
> Best to address it Internet:100623.303@compuserve.com

I think that Rob has it right. Internet email host names are case
insensitive. (But user names may not be.) Compuserve's mail system will
definitely not bounce this and your host system should get the correct
address from the dns with this name, if it isn't broken. Judging from the
six copies of the posting you sent, I wouldn't bet on that.

BTW, the format of `Best address' which you suggest is perfect for sending
email from one CompuServe user to another Comuserve address but via
Compuserve's Internet gateway, which is a fairly unusual thing to do.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

2231. Re: ICOM IC-2SAT HELP!?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: Philip Manning <P.Manning@ee.surrey.ac.uk>
Message-ID: <4fncpo$kq4@info-server.surrey.ac.uk>
Source record: 205724
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,uk.radio.amateur

To Rob, You had better alter your Compuserve address, otherwise mail will bounce, bring your address CompuServe.COM down to lower case, otherwise you might not get any mail at all, if somebody copies it verbatim.

Best to address it Internet:100623.303@compuserve.com

Phil G1LKJ

Sorry cannot comment on the IC-2SAT. I have a IC2WE though which is very similar.

2232. Re: ICOM IC-2SAT HELP!?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: Philip Manning <P.Manning@ee.surrey.ac.uk>
Message-ID: <4fnctd$l2r@info-server.surrey.ac.uk>
Source record: 205725
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,uk.radio.amateur

To Rob, You had better alter your Compuserve address, otherwise mail will bounce, bring your address CompuServe.COM down to lower case, otherwise you might not get any mail at all, if somebody copies it verbatim.

Best to address it Internet:100623.303@compuserve.com

Phil G1LKJ

Sorry cannot comment on the IC-2SAT. I have a IC2WE though which is very similar.

2233. Re: ICOM IC-2SAT HELP!?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: Philip Manning <P.Manning@ee.surrey.ac.uk>
Message-ID: <4fncte$l2p@info-server.surrey.ac.uk>
Source record: 205726
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,uk.radio.amateur

To Rob, You had better alter your Compuserve address, otherwise mail will bounce, bring your address CompuServe.COM down to lower case, otherwise you might not get any mail at all, if somebody copies it verbatim.

Best to address it Internet:100623.303@compuserve.com

Phil G1LKJ

Sorry cannot comment on the IC-2SAT. I have a IC2WE though which is very similar.

2234. Re: ICOM IC-2SAT HELP!?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: Philip Manning <P.Manning@ee.surrey.ac.uk>
Message-ID: <4fncte$l2q@info-server.surrey.ac.uk>
Source record: 205727
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,uk.radio.amateur

To Rob, You had better alter your Compuserve address, otherwise mail will bounce, bring your address CompuServe.COM down to lower case, otherwise you might not get any mail at all, if somebody copies it verbatim.

Best to address it Internet:100623.303@compuserve.com

Phil G1LKJ

Sorry cannot comment on the IC-2SAT. I have a IC2WE though which is very similar.

2235. Re: ICOM IC-2SAT HELP!?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: Philip Manning <P.Manning@ee.surrey.ac.uk>
Message-ID: <4fncte$l2t@info-server.surrey.ac.uk>
Source record: 205728
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,uk.radio.amateur

To Rob, You had better alter your Compuserve address, otherwise mail will bounce, bring your address CompuServe.COM down to lower case, otherwise you might not get any mail at all, if somebody copies it verbatim.

Best to address it Internet:100623.303@compuserve.com

Phil G1LKJ

Sorry cannot comment on the IC-2SAT. I have a IC2WE though which is very similar.

2236. Re: ICOM IC-2SAT HELP!?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: Philip Manning <P.Manning@ee.surrey.ac.uk>
Message-ID: <4fnctj$l2u@info-server.surrey.ac.uk>
Source record: 205729
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,uk.radio.amateur

To Rob, You had better alter your Compuserve address, otherwise mail will bounce, bring your address CompuServe.COM down to lower case, otherwise you might not get any mail at all, if somebody copies it verbatim.

Best to address it Internet:100623.303@compuserve.com

Phil G1LKJ

Sorry cannot comment on the IC-2SAT. I have a IC2WE though which is very similar.

2237. Re: Morse code to text display wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: buydens@duke.usask.ca
Message-ID: <4fno2u$t1h@tribune.usask.ca>
Source record: 205730
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

I believe the SuperMorse program also has provisions for translating cw to text.

Brian.

Ference Kish (fkish@attila.mtx.net.net) wrote:

: > >
: > >Hi. My dad is a Ham operator, and asked me if there were some
: > inexpensive
: > >way to have incoming Morse code automatically translated and displayed
: > on
: > >a CRT. Since I know nothing about Ham radio, I thought I'd post here.

: There is a program called MORSEFFT which you should be able to find on the net
: (use ARCHIE to find the site storing it)

: It needs a sound blaster card as an input device. It comes with C source code,
: too

--
Brian Buydens There was a young poet named Dan,
Department of Computing Services Whose poetry never would scan.
University of Saskatchewan When told this was so,
email: Brian.Buydens@usask.ca He said, "Yes, I know.
VE5RDV

2238. Re: Glass Mount Antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: blood@austin.ibm.com
Message-ID: <4fnqpk$22tk@ausnews.austin.ibm.com>
Source record: 205731

I tried the following configuration with poor results.
On a pickup rear window, a larsen 2m on one side and a 440 MHZ on the
other. Feeding with a Kenwood dual band mobile. The Kenwood did not like
this and shut down the xmitter on high power. By placing a small
flurescent (sp) bulb near the coax, it was apparent that there is a LOT of
rf radiated in the coax (inside the cab), the bulb will light. I tried grounding
the coax near the window but this did not help. I now run with a 1/4 wave MFJ
mag mount. The kenamod is much happier when using a mobile duplexer.
On the up side though, the glass mount will work better than
you expect, if your rig can match it. I still have the 2M glass mount
on, and use is as an ant for a secondary rig. A nice feature
of the antenna is that the element can be moved around easily to adjust for
low clearance without needing the allen tool.

2239. Help me ID this equipment.....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: rickcrider@aol.com
Message-ID: <4fmuk5$sfj@newsbf02.news.aol.com>
Source record: 205732

Hello all:
I've bought a rack mounted data terminal, has Honeywell dumb terminal, keyboard, lightning arrester, modem, data distributor, and rf in and out connection box. Hooked it up to a scanner to receive various frequencies that I knew contained data. The screen fills up with computer gibberish type characters. I don't expect anyone to be able to ID this unit from this vague description but perhaps someone will recognize some of the individual components listed below:

Modem: UDS Brand, V.23 A/S Data Modem

'Avanti' brand 600G Local Area Data Distributor

Honeywell terminal and keyboard: MX-10173/MYQ-4, and has several 25 pin ports on the rear, as well as several dipswitches and other controls.

'T-Bar' brand TX/RX switch, part # 5742-m397-3

I believe this to be a former military portable terminal. Mounted in a really nice 27" black anodized rack with handles. I have no idea what type or speed of data it was intended to recieve and or send. Any help appreciated.

Cordially:
Rick Crider
KD4FXA
Monroe NC

2240. IC-2000 mod?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: Paul Moller <Paul_Moller@csg.mot.com>
Message-ID: <311F4B84.3848@csg.mot.com>
Source record: 205733

I am looking for the mod to extend the TX of the IC-2000. Does anyone know if there is one, what it gets you, and where to find it? Thanks.

Paul_Moller@csg.mot.com

2241. Re: Glass Mount Antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: Paul Moller <Paul_Moller@csg.mot.com>
Message-ID: <311F4A2E.5D93@csg.mot.com>
Source record: 205734

Gary Coffman wrote:
>
> In article <4fft8p$m6@gryphon.phoenix.net> G J Lundy <glundy@infocom.net> writes:
> >Content-Transfer-Encoding: 7bit
> >X-Mailer: Mozilla 1.22 (Windows; I; 16bit)
> >
> >I've heard that the MFJ 1734 is a good antenna for dual band operation, but
> >I have also heard that the Comet and Diamond antennas are of a much superior
> >quality. Does anyone have any info on tested comparisons for glass mount antennas
> >and which have show superior quality?
>
> While I don't think much of glass mount antennas in general, and suggest
> you drill the hole instead, the Larsen antennas are generally acknowledged
> as the best, though not the prettiest.
>
> Gary
>
> --
> Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
> Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
> 534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
> Lawrenceville, GA 30244 | |

I agree about the Larsen. I have modeled most mobile dual band glass mount antennas and can say that on 2m most are OK, while all but the Larsen are pretty poor on 70cm. The main problem is a high angle of radiation on 70cm due to poor phasing of upper and lower sections. It turns out that the short overall length and requirement to get dual band operation force them into this condition.

As far a not liking glass mount antennas...There is nothing wrong with them in principle. They are uaually end fed half waves (zeps) or stacked halfwaves. The trouble is that many manufacturers have done away with the coax braid connection to the car body. This is important! An end fed zep still needs a counterpoise to work against. I have had good luck with adding a section of copper tape from shield to car body on some brands. Note: the Larsen uses two capacitors to go through the glass and puts the matching network on the outside of the glass. I don't know what their schematic looks like, but suspect that this is superior due to the ability to get counterpoise currents on the coax without a connection to the car body. I have compared the Larsen dual band thru the glass with the Larsen dual band mag mount by driving in weak signal areas with the two antennas connected to a coax switch. (Yes this is not a rigorous test), and can say that if there is a difference it is small.

Paul_Moller@csg.mot.com

2242. (none)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: /PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/@safe.ia.GOV
Message-ID: <199602121556.JAA18688@outpost.safe.ia.gov>
Source record: 205735

```
>From /PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/ Mon Feb 12 10:03:28 CST
1996 remote from osiint.safe.ia.gov
Date: 12 Feb 1996 10:01:44 -0600
X400-Trace: US*ATTMAIL*IADPS
arrival 12 Feb 1996 10:01:44 -0600
action Relayed
From: /PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/@osiint.safe.ia.gov
To: "/RFC-822=Ham-Equip(a)ucsd.edu/OU=OSI-INTERNET/O=WALLACE/PRMD=IADPS/ADMD=ATTMAIL/C=US/
"@osiint.safe.ia.gov
In-Reply-To: <"\"/RFC-822=199602120323.TAA25359(a)mail.ucsd.edu/OU=OSI-INTERNET/O=WALLACE/
PRMD=IADPS/ADMD=ATTMAIL/C=US/\""@osiint.safe.ia.gov>
Subject: Re: Ham-Equip Digest V96 690
Importance: normal
Autoforwarded: FALSE
Message-Id: <werl0212100040aa*/PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/@
osiint.safe.ia.gov>
P1-Message-Id: US*ATTMAIL*IADPS;IDPS3550 werl0212100040aa
UA-Content-Id: werl0212100040aa
P1-Content-Type: P2
Priority: normal
Received: from osiint.safe.ia.gov by iadpshub.safe.ia.gov; Mon, 12 Feb 1996 10:03 CST
Content-Type: text
Content-Length: 1400

> From: allan@thompson.zynet.co.uk (Allan Thompson)
> Subject: Baycom Packet
>
> I am trying to get hold of a copy of Baycom. I understand that no TNC
> is required for it. Advice would be appreciated. Also connections to
> and from the transceiver.
>
> Thanks in advance
>
> Allan
> ------------------------------
Hi, I've got version 1.5. It is a great unit for the new packeteer or the
seasoned vet. It is a fairly simple program, small and easy to manipulate.
All u need is a comm port (I think) on your computer. U can run the program
off a floppy disk if you like. I have mine configured like a small BBS.
No mail forwarding in it. Local users can get the area wx and forecast,
and digi thru me.
Seems easy to write files into it. Fairly simple to edit them for use.

Biggest draw back is that when the Baycom is running, nothing else can be
done. The computer is tied up with it. The manual says that u can shell
```

out of it and leave the program active, but I've never gotten that to work properly. It may run a while then lock up. But when running by itself it is a very nice little program. Manual, copy of software, and the RS 232 plug from Tiger, BayPac, several others sell it total cost about $90 give or take. Great for portable packet or field day.

Scott
N0XZY @ WA0RTJ.#EIA.IA.USA.NOAM
werling@safe.ia.gov

2243. FS: IF232 Kenwood interphase for PC/transceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: Jorma Saloranta <Jorma@salor.pp.fi>
Message-ID: <4fo1aq$n3l@idefix.eunet.fi>
Source record: 205736

IF232 for sale: USD 120

Jorma OH2KI
jorma@salor.pp.fi

2244. Re: Yaesu MH-27 Microphone

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4fncfk$nvq@news.ccit.arizona.edu>
Source record: 205737

Al Wong <alwong@mitre.org> writes:
>I have just purchased a Yaesu FT-5200 with the MH-27 w/DMTF microphone.
>The problem is that there were no instructions on for the microphone. My
>question is what is the A B C D buttons for? The 5200 manual does point
>out the fact that the P button is non-functional on the 5200.
>Any response/help would be greatly appreciated.
>Al Wong The above opinion does not reflect that
>KF4GDD of my employer. As with ALL my opinions,
>alwong@mitre.org I write them, you intrepret them.

The DTMF scheme is actually 16 keys, not the 12 commonly seen on a
telephone. Digits 0-9, *, # and letters A-D all yield their own DTMF
tone pairs. In the case of amateur radio, one place the letter'd
tones are used is in repeater control. By including these 4 letters,
the potential number of control codes is greatly increased.

Chris - N7RME

2245. Re: Morse code to text display wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: jaccom@ambrosia.knoware.nl
Message-ID: <4fo1r6$hrc@news.knoware.nl>
Source record: 205738
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

In article <4fno2u$t1h@tribune.usask.ca>,
buydens@duke.usask.ca (Brian Buydens) wrote:
>
>I believe the SuperMorse program also has provisions for translating cw to
text.

No it's not. Its a Morse code training programme

2246. Ham Radio Online goes Interactive! Check us out!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: vbook@vbook.com
Message-ID: <4fnpc6$38f@news.accessone.com>
Source record: 205739
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,rec.radio.amateur.space,rec.radio.amateur.antenna,,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.shortwave

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newsletters, product reviews, real-time propagation conditions and more.

The February 1996 edition of Ham Radio Online International Magazine
is available at http://www.accessone.com/~vbook/hronline.htm

Some of the NEW February stories include a review of SkyTel's "2-way paging" system,
radio surveillance frequencies, and the effects of two-way radio operation in blasting
zones.

Ham Radio Online has been selected as a featured web site by America Online
and a Top 100 web site for the month of January by Planet Earth, Inc.
New articles are available now and we add articles throughout the month.

Ham Radio Online has up-to-date news about Amateur Radio from around the world,
feature stories, real-time propagation and auroral condition reports, real-time
earthquake and severe weather conditions for emergency communications planning,
online humor section and the Ham Radio Online Library with fully indexed (find
any section with just a mouse click) Part 97 rules and regulations.

Plus we cover broadcasting, shortwave, scanning generally anything having to
do with radio telecommunications.

And we plan to offer some totally cool new services during the coming months. As
always its free and free of ads.

Thanks to you, we had over 10,000 readers stop by during January!

Please enjoy!

73, Ed Mitchell
KF7VY
vbook@vbook.com
http://www.accessone.com/~vbook/hronline.htm

---
personal email to vbook@vbook.com
Visit Ham Radio Online, it's free, at http://www.accessone.com/~vbook/hronline.htm

2247. Periphex Inc. -- still around

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: S=Beers%G=Robert%I=RC%BECHTEL@mcimail.COM
Message-ID: <54960212164645.0005382259D40X4@MCIMAIL.COM>
Source record: 205740

al@boltons.demon.co.uk writes:

>snip
>I have been referred to a company called Periphex Inc. of Oxford,
Connecticut.
>snip
>snip

Current address and phone nos. for the firm are as follows:

Periphex, Inc.
300 Centre Street
Holbrook, MA 02343

(800) 634-8132
(617) 767-5516
(617) 767-4599

Presume one of the latter two numbers is a FAX No. but don't know which.

Bob Beers, KE6SSM
rcbeers@ccnet.com
rcbeers@bechtel.com

2248. Re: HELP, EFFECTIVENESS OF LINEARS ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: dnorris@k7no.com
Message-ID: <4fnc03$t1p@news.syspac.com>
Source record: 205741

Johnny Donovan WABC-NY <ru@i-2000.com> wrote:

>In a pileup 1 DB can make a difference.
snip.............. So unless your are a DX'er
>you really don't need an amp- even if you enjoy DX you can have
>great success running 100 watts. ...k2koq

And good operating practices can add 5-10 dB to your "effective"
signal strength!

Skill will triumph over technology _almost_ every time.

73/dX cdn

C. Dean Norris, Esq.
Amateur Radio Station K7NO
e-mail to dnorris@k7no.com

2249. Re: 8875/8874/MLA2500

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: mai@iquest.net
Message-ID: <DMoBt6.BC5@iquest.net>
Source record: 205742

USCG TELECOMMS <gttm@cais.cais.com> wrote:
>
>
>On 9 Feb 1996, Robert wrote:
>
>> Anyone tried using a 8874 in place of the 8875??
>> in any amplifer
>>
>The 8875, as used in the MLA-2500, is cooled by air blowing across the
>tube without the use of chimneys. The 8874 is cooled by using a chimney
>with a pressurized chassis. Unless the 8874 is cooled in this manner it
>would not last very long. There is also another version, the 8873, which
>is conduction cooled; this tube was used by Heath in the SB-230 amplifier
>many years ago. All of these tubes are in the same price class, about
>$350 a piece. As far as electrical characterics are concerned, they
>are all the same, the only difference being the external anode structure.
>
>Ron, W4VR

These tubes have more differences than just the external anode. Check the Eimac sheets. If you're considering an update - check 3CX800A7's if you'd be willing to modify to the degree
required between a 8875 to an 8874. BTW, IMHO, both good designs - just that new designs offer improvements and about same money.

73
Patrick WB9IQI

2250. Re: Can you explain AM on UHF?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: Chris Hays <76703.4257@CompuServe.COM>
Message-ID: <4fogqr$3rc$1@mhafc.production.compuserve.com>
Source record: 205743

That's KFI's non-delayed audio feed. They use that to
provide real time audio to the helicopters and any other
remote pickup points.

--
Chris

2251. Re: Opinions on Ramsey FX-146?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <4fod7l$s8a@abyss.West.Sun.COM>
Source record: 205744
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital

In article <311ECFA4.25E@cadetmail.usafa.af.mil>,
Russ Roslewski <roslewskirb96%cs26@cadetmail.usafa.af.mil> wrote:
>Hi all,
> I was looking at possibly getting an FX-146 for use with packet.
>Since I don't require real frequency agility, just a few channels, this looks
>to be a good kit. I do have the following questions:
>
> - It says it's 9600 compatible; how well does it do?
> - Easy to build/good instructions?

I built an FX-440 (UHF), but it is very similar to the FX-146. The
instructions were OK, the alignment is best done with a signal generator
and oscilloscope, especially if you plan to receive 9600 baud.

As for transmitting 9600 baud, this radio uses a single loop
synthesizer with FM done by modulating the VCO tune line. This
has no DC response and poor low end response, which means you
will get poor 9600 baud performance from the transmitter.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *

2252. Re: Virtual Radio Rally - Traders Hall now Open !

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: Mike Gathergood <Mike@g4kfk.demon.co.uk>
Message-ID: <824169039snz@g4kfk.demon.co.uk>
Source record: 205745
Cross-posted to: uk.radio.amateur,rec.radio.swap,rec.radio.amateur.equipment

In article <823958346snz@marks.demon.co.uk> mark@ukinternet.com "Mark" writes:
> Anyone selling between 10 and 50 items of gear can set up their own
> Ham Stall *FREE*.

A success story ... the HW-9 I advertised on Mark's page last week is
now sold. Thanks Mark!

73
Mike The CQ Centre BBS, 01753 595468, 300-28800 bps, 8N1, ANSI-BBS
G4KFK Tel/Fax Slough (01753) 582085

2253. (no subject)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: Russell Wells <rwells@awod.com>
Message-ID: <4focep$i06@harbour.awod.com>
Source record: 205746

Need help! Got new Yaesu FT-840 need the mod for general coverage Xmit! I would like to use if for local emergencys but all others have CB's please help!!!!! Russ

2254. Yaesu FT-840 MOD

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: Russell Wells <rwells@awod.com>
Message-ID: <4focj2$i06@harbour.awod.com>
Source record: 205747

I need a general coverage Xmit mod for my Yaesu FT-840 Please help

Russ

2255. Re: Periphex Inc-still around?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: barry@w2up.wells.com
Message-ID: <FTR7iD2w165w@w2up.wells.com>
Source record: 205748

> >I have been referred to a company called Periphex Inc of Oxford, Connecticut
> >as a supplier of very good ni-cad battery packs for handhelds. Unfortunately
> >the address and fax number I was given appear to be out of date, or the
> >company
> >has gone bust.
> >Does anyone know if the company is still going but in another location
> >somewhere? I would be most grateful for any information.
> >Thank you,
> >Al Bolton
> >OK8VSQ/OM/G4VSQ
> >Caversham, UK
>

I once had some batteries from Periphex that wouldn't hold their charge.
They refused to honor the warranty and exchange them. Let the buyer
beware!

--
==
Barry N. Kutner, W2UP Internet: barry@w2up.wells.com
Newtown, PA Packet Radio: W2UP @ WB3JOE.#EPA.PA.USA.NA
Packet Cluster: W2UP >WB2R (FRC)
....

2256. Re: Will The Alinco 610 Mods Void Warranty!!!!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: Paul Moller <Paul_Moller@csg.mot.com>
Message-ID: <311F4798.1035@csg.mot.com>
Source record: 205749

David Mclean wrote:
>
> I all looking at get the alinco 610 and I am wandering if the
> MARS/Cap mods for the radio will void the warranty. Thanks for the help!
>
> --
> David Mclean
> From The World of Hamradio
> KC5NNV is Clear!
>
> [Dfw-Hams]
> Http://www.dfw.net/~dmclean
> ____
> ---
I would like to know how to do the mod and what it gets you? I have
looked for the mod but cannot find it. Thanks.

Paul_Moller@csg.mot.com

2257. Re: Kenwood Monitor: SM-220

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: mwhite@mitre.org
Message-ID: <mwhite-1202961538110001@m14494-mac.mitre.org>
Source record: 205750

Hugh Catlett wrote:

> SM-220 was made to be used with at least the Kenwood 830.

The SM-220 alone is simply a station monitor, without any panadapter functions. An additional circuit board is required to use it as a panadapter. There two such boards: the BS-5 and the BS-8. The BS-5 is for use with the Kenwood 500 series HF xcvrs, like the TS-520. The BS-8 is for later transceivers with 8.83 MHz IF.

Mike, N4PDY

--
mwhite@mitre.org

My opinions are my own, not my employer's.

2258. ceramic feed throughs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: harwood@sirius.chinalake.navy.mil
Message-ID: <harwood-1202961213060001@harwoodmac.chinalake.navy.mil>
Source record: 205751

Does anyone know of a source of the ceramic feed through / standoffs used on MFJ and many other antenna tuners for open line feeder and random wire antenna attachments?

I broke one and need to fine a replacement.

Thanks, Bill Harwood

2259. Re: Wanted manual for Microwave M Xverter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: little@pecan.enet.dec.com
Message-ID: <4fog19$p58@usenet.pa.dec.com>
Source record: 205752

In article <1996Feb9.192433.13164@ke4zv.atl.ga.us>
gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

> In article <4fe8em$50n@news.cis.okstate.edu> Gordon Couger
<gcouger@master.ceat.okstate.edu> writes:
>>I have Microwave Modules 144 MHz linear transverter SN# 18829xx. It appears
>>to have ben made in 1988. I need the manuals or at least the power input
>>on ten meters.
>
> 5 mW.

The manual for mine (which is a little older based upon the schematics)
says that the small preset pot on the main circuit board half-way along
the side remote from the PA compartment allows adjustment of drive
level from 5 mW to 750 mW. Additionally, if you have less drive than
that, there are two pins near the pot that can be shorted together
to increase the transmit sensitivity to 0.1 mW to 15 mW.

My manual says the pot comes preset to a 500 mW drive level.

Adjustment is to apply a 28 MHz carrier and adjust the pot until the
transverter just draws maximum DC current. Nothing like maximum smoke
procedures. ;-)

73,
Todd
N9MWB

2260. (no subject)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: Dave Heil <K8MN@clinet.fi>
Message-ID: <4fo884$jjo@katiska.clinet.fi>
Source record: 205753

Looking for a reasonably priced linear amp covering 160-10m.
Amps such as the Ten-Tec Centurion, Amp supply, Ameritron with 3-500z finals would be fine. Will consider even single tube final.

Also looking for Dentron 160-10L amp with 811As or 572Bs for traveling.

73,

Dave Heil OH2/K8MN
Helsinki, Finland

k8mn@clinet.fi

2261. Looking for 160-10m Linear Amp - reasonable

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-12 00:00:00 UTC
From: Dave Heil <K8MN@clinet.fi>
Message-ID: <4fo984$jjo@katiska.clinet.fi>
Source record: 205754

Once again with feeling, since I didn't put a subject on my earlier effort...

Looking for a reasonably priced linear amp covering 160-10m.
Amps such as the Ten-Tec Centurion, Amp Supply, Ameritron (with 3-500z finals)
would be fine. Will consider even a single tube final.

Also looking for a Dentron 160-10L amp or similar with 811A or 572B finals for
traveling.

73,

Dave Heil OH2/K8MN
U.S. Embassy Helsinki

k8mn@clinet.fi

2262. IC 3220 bad rx above 449.995?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-13 00:00:00 UTC
From: JohnWoolne@auslig.GOV.AU
Message-ID: <3120C9BA@mailgate>
Source record: 205660

> ------------------------------
>
> Date: Thu, 01 Feb 1996 13:32:02 GMT
> From: dsk@jhk.com (David Krauss)
> Subject: IC 3220 bad rx above 449.995?
>
> I made a mod to my IC-3220 to rx above 449.995, but the sensitivity
> drops like a rock when crossing from 449.995 to 450.000 . I have
> heard there is a mod to fix this, anyonw know what it is?
>
> thanx Dave WD4KEZ
>
> ------------------------------

Dave,

You are in luck, as I have just done a mod to mine to fix this insenitivity. The IC 3220 range use two separate RF front ends on UHF - one for inside the designated Amateur Band and one for outside - actually it looks as if it was originally designed for a third front end for 800-900MHz but that is not fitted. The problem I had was that the 'A-Band Unit' (aux UHF front end) was tuned for the Japanese commercial freq range around 300-400MHz - this Aux front end has lower gain, but is about 100MHz wide rather than 12MHz and also doesn't have a real flat response.

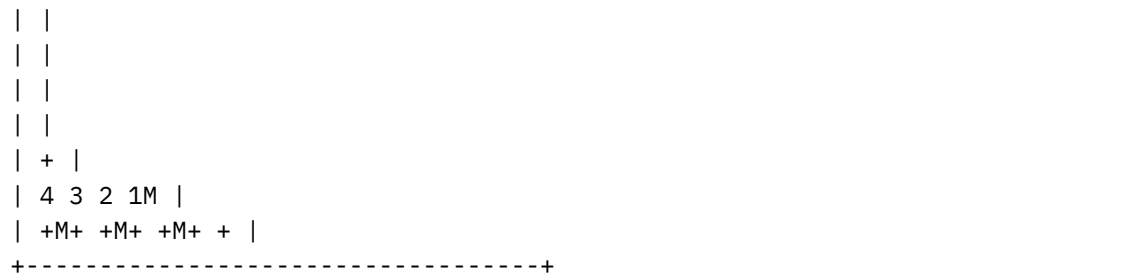
For this mod you will need:

1. 3 x 10nH surface mount inductors
2. Some method of mounting and removing SM inductors
PS not a 60W iron!!

1. Open the bottom of the radio, and check for the presence of a small board vertically mounted to the main board in the centre parallel to the sheilded box - no its outside of the sheilded box. If this board is not there, then you don't have the 'A-Band Unit' but only the 12Mhz wide Amateur filter.

2. Holding the radio with the heatsink up so that you are looking at the top of the ABU identify the four SM inductors - white plastic SM formers with enammelled windings. Don't worry if the new ones you have look different - they may well look much like a chip capacitor with a spiral visible on the top surface.

| | | | | | | | | | - pins to mount
to UHF board
+--+--+--+--+--+--+~~+--+--+--+--+--+ sorry don't
remember how many!



3. Carefully remove inductors 1, 2, and 3. SM tweezers would be best but I managed with two temp controlled (very fine irons). Carefully heat the pads (minimum heat) and as you see the solder melt use the irons to lift the inductor. Be very careful of the parallel mounted components nearby.

4. Clean up the pads (solder suck or braid) again be careful of adjacent components.

5. Tin one only pad (on the board) for each new inductor - put the component on the board in such a way that you can ease it into place with tweezers while you heat the pad that you pre-tinned.

6. Solder other end.

Note Inductor 4 acts as an RF choke on the power supply to the ouput transistor so need not be changed.

This moved the upper freq response on my rig to about 512MHz from about 410MHz (not that the radio tunes that high!) but the next larger inductor I could get was 15nH and that was too big to do anything to the response (you could try a 12nH if you can get some - best filter response is just below the cut off about 490Mhz-510Mhz in my case - radio tunes to 479). I now have about 0.2uv/12db sinad at 477MHz, about 0.3uv at 410MHz. Amateur Band 430-440MHz here in Oz the rig is 0.12uv, and 0.16uv on 146MHz.

73's

PS this rig does do cross band repeat - set up each band (even repeater offsets) - then hold in the two blue buttons for a couple of seconds (SET & BAND) - flashing L on right side. To get out repeat - note power off does not get out.

PPS DO-NOT alter the tuning of the Amateur Band UHF filter - when tuned well its only about 12MHz wide - centred on the 10MHz wide band that the radio is programmed for. When the radio is not tuned in this range 430-440 (Oz) 440-450 (US) etc then this filter is not enev used!

--
John Woolner Email: JohnWoolner@auslig.gov.au
vk1zao PG44ms Packet: vk1zao@vk1bbs.act.aus.oc
Canberra, ACT, Australia Amprnet: vk1zao@vk1zao.ampr.org
Phone +61-6-254-3140 (h) Snail: PO Box 118
Phone +61-6-201-4122 (w) Kippax 2615

AUSTRALIA

--

2263. IC W21E Mods requested

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-13 00:00:00 UTC
From: JohnWoolne@auslig.GOV.AU
Message-ID: <3120C9D2@mailgate>
Source record: 205661

```
----------
From: Woolner, John
To: owner-ham-equip
Subject: IC W21E/W21A Mods requested
Date: Wednesday, 7 February 1996 11:19AM

Please any mods or enhanced docs for this one. This unit may be known as
the ICW21A (not AT) in the US.

73's

------------------------------------------------------------------------
--
John Woolner Email: JohnWoolner@auslig.gov.au
vk1zao PG44ms Packet: vk1zao@vk1bbs.act.aus.oc
Canberra, ACT, Australia Amprnet: vk1zao@vk1zao.ampr.org
Phone +61-6-254-3140 (h) Snail: PO Box 118
Phone +61-6-201-4122 (w) Kippax 2615
AUSTRALIA
------------------------------------------------------------------------
--
```

2264. ICOM IC3220 (A/H/E) Mods requested.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-13 00:00:00 UTC
From: JohnWoolne@auslig.GOV.AU
Message-ID: <3120C9C7@mailgate>
Source record: 205662

Do you know of any mods for the above radio?
If so, please forward them to me so that I may make a compilation.

73's

--
John Woolner Email: JohnWoolner@auslig.gov.au
vk1zao PG44ms Packet: vk1zao@vk1bbs.act.aus.oc
Canberra, ACT, Australia Amprnet: vk1zao@vk1zao.ampr.org
Phone +61-6-254-3140 (h) Snail: PO Box 118
Phone +61-6-201-4122 (w) Kippax 2615
AUSTRALIA

--

2265. Looking for interconnection cable for HP8505, 8501 or 8750

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-13 00:00:00 UTC
From: wave@mindspring.com
Message-ID: <4fov83$s7k@brickbat.mindspring.com>
Source record: 205663
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.space,rec.radio.scanner,rec.radio.swap,rec.video.cable-tv,rec.video.satellite.dbs,rec.video.satellite.tvro

I am in desperate need of a couple interconnection cables for the
HP8505 network Analyzer. The cable is a D-connector with 17 pins and
7 coax cables, but only six are used. If you have any info on where I can
find some I would appreciate it.

Thanks
AC4OP
Pieter
wave@mindspring.com
http://www.mindspring.com/~wave

2266. FT-8500 Need Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-13 00:00:00 UTC
From: rod@venus.hili.com
Message-ID: <4fov69$l98@news.ios.com>
Source record: 205664
Cross-posted to:
rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

Someone have the mods for FT-8500?

Email: rod@venus.hili.com
N2RVM

2267. IC 2000H or KENWOOD 241 FM?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-13 00:00:00 UTC
From: tomg@mail.ramlink.net
Message-ID: <4foufa$av8@ram2.ramlink.net>
Source record: 205665

I am considering a new 2 meter rig. I would be interested
in comments between the ICOM 2000H and the Kenwood
241. Both are comparable radios. Which one has the
better receiver - better features? Would like to hear
from anyone who is familiar with both of these rigs.
73 de Tom WA3KQA at tomg@ramlink.net

2268. FS: Icom 707 HF / Brand New

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-13 00:00:00 UTC
From: soyboy@inx.net
Message-ID: <4foufp$a93@genesis.evolution.com>
Source record: 205666

I have a brand new Icom 707 for sale. I only used it for a hour. I don't operate on HF..I'm a VHF/UHF and above operator only. I got this radio as a trade for my computer.

I am selling it for $750.00

Email me if anyone interested...

my email is Soyboy@inx.net

2269. FS: HTX-202 HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-13 00:00:00 UTC
From: herb@alpha1.csd.uwm.edu
Message-ID: <4fp83t$ou3@uwm.edu>
Source record: 205667

I have a Realistic HTX202 that I no longer use. it is in mint condition, with spkr. mic, batt packs (rechargable/alkaline), etc. No box, but have manual.

$110.

Nate.

2270. Re: Multiple mailing on Icom IC-2SAT Help.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-13 00:00:00 UTC
From: Philip Manning <P.Manning@ee.surrey.ac.uk>
Message-ID: <4fq23k$ef7@info-server.surrey.ac.uk>
Source record: 205668

Apologises folks murphy's law struck.

Phil Manning G1LKJ

2271. SALE - VINTAGE ELECTRONICS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-13 00:00:00 UTC
From: "C. L. Kasten" <102632.1477@CompuServe.COM>
Message-ID: <4fqfgo$m5f$1@mhadf.production.compuserve.com>
Source record: 205669

VINTAGE ELECTRONICS SALE - Radio and TV parts, vacuum tubes, capacitors, resistors, test equipment and chassis assemblies dating from the 1940's to the 1970's. All items will be sold AS IS.

Sale to be held from 0800 to 1600 on March 16/17, 1996 in Garden Grove, CA. For location or other information, E-mail C. L. Kasten at: 102632.1477@compuserve.com

2272. info on multiband qrp kit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-13 00:00:00 UTC
From: Norm Hammar <norm@cqg.cqg.com>
Message-ID: <31209DBB.9AB@cqg.cqg.com>
Source record: 205670

My son and I are looking to build an HF QRP (or otherwise) transceiver
for use on 80, 40, and 15 meters. If you have information on a
relatively easy-to-build kit, please email us at norm@cqg.com.
Thanks N0DHO

2273. Accurate Instrument Model 257 tube tester?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-13 00:00:00 UTC
From: at770@cleveland.Freenet.Edu
Message-ID: <4fr3jm$j5n@madeline.INS.CWRU.Edu>
Source record: 205671
Cross-posted to: rec.antiques.radio+phono,rec.audio.tubes,rec.radio.swap,rec.radio.amateur.equipment,sci.electronics.equipment,
sci.electronics.repair

I am looking for information on a Accurate Instrument Co. model 257 tube
tester. The information that I seek is:

1) Operating manual
2) Schematic and servicing info
3) Tube charts and test data
4) Offers to sell broken units for parts
5) Offer to purchase or trade for my unit

Please reply by e-mail, as I do not read these newsgroups very often.

Thanks
Frank

2274. TEKK Inc. Model KS900 UHF Tranceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-13 00:00:00 UTC
From: ristori@pisa.infn.it
Message-ID: <ristori-1302961300560001@mccdf3.pi.infn.it>
Source record: 205672

A friend of mine has a TEKK Inc. Model KS900 UHF Tranceiver
that works beautifully on 9600 packet. Can anybody help
me locating the company that make them (address or fax or phone)?
Or maybe a mail order company I can get it from? Thanks
Luciano, AA9PQ

2275. WANTED

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-13 00:00:00 UTC
From: rusty@diakonos.iafrica.com
Message-ID: <a58_9602140001@diakonos.iafrica.com>
Source record: 205673

Has anyone a used CW Electronic Keyer or even just the Paddle, for Sale?

Please respond: rusty@diakonos.iaccess.za
ZS1WQ @ ZR1LSK.SCP.ZAF.AF
+27(441)711534 Ph/Fax

--
|FMLYNET: Rusty Lotter 8:79/0
|Internet: rusty@diakonos.iafrica.com
|
| Standard disclaimer: The views of this user are strictly his own.
| FMLYNET SA <> INTERNET GATEWAY at Diakonos BBS

2276. NEED TO's FOR AN/PRC-47

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-13 00:00:00 UTC
From: jhuff@wrdis01.robins.af.mil
Message-ID: <4fqb94$3nn@wrdis01.robins.af.mil>
Source record: 205674

DOES ANYONE HAVE THE NEW CORDLESS AND ENTERTAINMENT 900mHZ FREQS? IF SO, WOULD YOU PLEASE POST THEM HERE. I'm new to this posting, so please excuse the goofs I make.

Thanks, John

2277. WTB HW-9 QRP RIG

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-13 00:00:00 UTC
From: flanders@znet.groupz.net
Message-ID: <4fqar0$stj@news1.sunbelt.net>
Source record: 205675

I'm looking for a Heath HW-9 QRP rig. Any condition
considered, but must have full manual. Accessories OK,
but not required. Please quote exact condition, appearance,
accessories and price.

Thanks

Jerry Flanders W4UKU South Carolina flanders@groupz.net

2278. AN/PRC-47 TECH MANUALS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-13 00:00:00 UTC
From: jhuff@wrdis01.robins.af.mil
Message-ID: <4fqbsb$8tg@wrdis01.robins.af.mil>
Source record: 205676

If anyone has tech manuals for the AN/PRC-47 radios, I need the
following: 31R2-2PRC47-1
31R2-2PRC47-2

or ARMY

TM-03817A-12/1 (OP)
TM-03817A-35/2 (OH)

I will gladly pay shipping costs if you have any spares you are
willing to part with.

If not, I will pay printing and shipping costs for copies if you are
willing.

Thanks in advance for any and all help.

John Huff/KE4WT

2279. Re: FOR SALE -- SHURE 450 DESK MIC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-13 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4fqlt2$b1q@mksrv1.dseg.ti.com>
Source record: 205677

re: Shure 450 mic
OFFER: $25 postpaid.
E-mail me if accept.
Thanks!
Dean KC5NG
QRP%mimi@magic.itg.ti.com

2280. Re: HELP, EFFECTIVENESS OF LINEARS ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-13 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4fr12m$c6p@mksrv1.dseg.ti.com>
Source record: 205678

(SNIP)
>
>Incidentally, I consider QRP to be a totally different topic from all
>this. Running 1W (or 100mW) presents challenges that are unique to
>those power levels and can't be duplicated by either 1KW or the
>typical 100W-output transceiver. There's also an inherent interest in
>homebrew among QRP ops, and I have no small respect for someone who
>has the ability to earn WAS with a homebrew rig running 1W or less.
>I don't seem the have the patience for QRP anymore, but these guys are
>using and improving the skills that make someone a *real* operator.
>
>73,
>Jack WB3U

Jack.
I am an avid QRPer, and I take the above paragraph as quite a big compliment! Thanks! I firmly believe that literally anyone can do WAS, WAC, DXCC, etc, using 100 W or more. It really does take some skill and determination to earn awards using QRP, especially using homebrew equipment. So, thanks from the QRP community for your compliments!

BTW, I have 49 states confirmed on QRP-CW, running 4W or less to my Butternut HF-6V vertical (my only HF antenna), and over half of the contacts are two-way QRP. Perhaps half of the contacts were also made using home-built equipment on my end, the rest using Kenwood rigs turned down to QRP level. I only lack Alaska (any KL7's wanna set up a sked on 20m or 40m CW and listen for my weak signal?).

73 / 72 de KC5NG / Dean / Lake Dallas, Texas / QRP-ARCI # 8204

2281. Software 'scope?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-13 00:00:00 UTC
From: "h.baillie-johnson" <h@oncology.demon.co.uk>
Message-ID: <lyrkYCAQTRIxEwK3@oncology.demon.co.uk>
Source record: 205679

Anyone know of a low cost software package which will allow me to use my PC as a limited function oscilloscope? I am mainly interested in capture and display of transient waveforms, so a virtual storage scope would be especially useful. thanks in advance, h.
--
h.baillie-johnson

2282. MODS NEEDED- Yaesu FT-530, FT-2500M

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-13 00:00:00 UTC
From: jrerlewe@mtu.edu
Message-ID: <4fr2hi$a6m@civlab1.civil>
Source record: 205680

B
Text:Hi.
i need mods (to transmit on about 155MHz) for both the FT-530 and FT-2500M
Yaesu Rigs, as a local public freq i use needs me and i hate carrying
C
around all these radios! hihi= Anyway, also any other mods would be nice too-
tnx, 73
joe, n8ouz

2283. Is there an all purpose TNC/Decoder?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-13 00:00:00 UTC
From: rickcrider@aol.com
Message-ID: <4fr86i$ciq@newsbf02.news.aol.com>
Source record: 205681

Been a ham for several years......though yet to venture into packet. I'm terribly confused as to what TNC to buy. I won't say that money is no object, but, rather than buy several pieces of gear, I'd rather spend on the 'right stuff'. I would like a unit that would handle regular ham type packet, as well as decode other data transmissions, such as pagers, both digital and alphanumeric, DTMF tones, and other various data transmissions that may be occupying the airwaves here about the premises. Is there such an animal? If not, what various pieces of seperate equipment would one need. All help appreciated.
Cordially:
Rick Crider
KD4FXA
Monroe NC

2284. Slide Rule Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-13 00:00:00 UTC
From: ad118@rgfn.epcc.edu
Message-ID: <1996Feb13.185355.21915@rgfn.epcc.edu>
Source record: 205682

Wanted:
K & E Decilon slide rule. Either long or short version.
Instruction book for above.
I was forced to sell mine to finish college in the 60's
and I still miss it.

Please email to ad118@rgfn.epcc.edu.
--
Roy Griffin

2285. WTB: Hi-Z desk and hand mics

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-13 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4fq463$93n@mksrv1.dseg.ti.com>
Source record: 205683
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

WANTED: High-impedance ceramic microphones...

a) Desk mic: Heathkit (or the E-V equivalent),
Shure 444, or similar.

b) Hand mic: Heathkit, Shure 404-C, or similar.

What do you have and how much do you want for it?
Contact me via e-mail or telephone. 73!

Dean Hemphill, KC5NG
QRP%mimi@magic.itg.ti.com
(817) 497-5365

2286. FT-10 or FT-11

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-13 00:00:00 UTC
From: raider@salmon.mugu.navy.mil
Message-ID: <DMq01D.GFI@avalon.chinalake.navy.mil>
Source record: 205684

I'm thinking about purchasing either the FT-10 or FT-11. Anyone have experience, good or bad, with either of these units. Having never used a handheld, I am having a hard time understanding the advantages of one over the other.

Thanks, Mike, KO6BC

2287. ** FS : WINDOWS'95 CD UPGRADE $50 **

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-13 00:00:00 UTC
From: HWDX09A@prodigy.com
Message-ID: <4fqqa5$179c@usenetp1.news.prodigy.com>
Source record: 205685

SUBJECT: ** FS : WINDOWS'95 CD UPGRADE $50 **

I have still available a few Windows '95 CD-ROM Upgrade kits.

These are new, sealed, Microsoft Windows '95 CD-ROM Upgrade
Kits received with a computer order that I don not intend to use
with the computers they were received for.

These kits include the manual, CD-ROM disk, software registration
card, and Microsoft holographic Certificate of Authenticity.

The price is $ 50.00 each shipped by 2nd Day Priority Mail.

Send a check to :

Robert Reed WB2DIN
538 Brewers Bridge Road
Jackson, New Jersey 08527

TEL : (908) 363-2724

I will be selling the remaining Kits at the LIMARC Hamfest in
Frreport, NY on 2/25 and the Absecon, NJ Hamfest on 3/2 but
cannot be certain there will be any left afterwards.

73, Bob, WB2DIN

-
ROBERT REED, WB2DIN HWDX09A@prodigy.com
538 Brewers Bridge Road
Jackson, New Jersey 08527 PACKET WB2DIN@WT3V

2288. Re: FOR SALE: IC-24AT Dual band HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-13 00:00:00 UTC
From: Your Name Here <your@email.address.here>
Message-ID: <4fqvmq$erj@canyon.sr.hp.com>
Source record: 205686

Hi Justin,

I recently pourchased a used 24AT. You are selling a lot of equipement. Would you consider selling the quick charger as a stand alone item? Please notify me (Sal_Caruso@sr.hp.com) if you will sell the quick charger.

I have enjoyed learning how to use the 24AT. I do have one problem that I hope you can help me with. I cannot get it to recieve outside the 140 to 150 MHz Band. I have looked over the manual, but there are no instructions on how to receive over the 110 to 127 or 150 to 190 range.

Thank you and good luck selling your HT.
Sal Caruso
KC6WTO
Sal_Caruso@sr.hp.com

2289. Re: FOR SALE: IC-24AT Dual band HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-13 00:00:00 UTC
From: Your Name Here <your@email.address.here>
Message-ID: <4fqvo4$erj@canyon.sr.hp.com>
Source record: 205687

Hi Justin,

I recently pourchased a used 24AT. You are selling a lot of equipement. Would you consider selling the quick charger as a stand alone item? Please notify me (Sal_Caruso@sr.hp.com) if you will sell the quick charger.

I have enjoyed learning how to use the 24AT. I do have one problem that I hope you can help me with. I cannot get it to recieve outside the 140 to 150 MHz Band. I have looked over the manual, but there are no instructions on how to receive over the 110 to 127 or 150 to 190 range.

Thank you and good luck selling your HT.
Sal Caruso
KC6WTO
Sal_Caruso@sr.hp.com

2290. Re: Need Tek 453 scope manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-13 00:00:00 UTC
From: Bruce Rogers <brogers@indirect.com>
Message-ID: <31217857.2B8B@indirect.com>
Source record: 205688

Bill DeMatties wrote:
>
> Hi
>
> I'm looking for a service manual for a tektronix 453 scope.
> I would pay a reasonable fee for a copy of the manual or would
> like to know where an original manual may be purchased.
>
> Thanks in advance!Try calling Ed Matsuda in San Diego at (619)479-0225.
I have gotten manuals from him very reasonably.

Another possibility: Tech Systems at (800)435-1516.
I have no experience with them, just saw an ad in Nuts&Volts.

Hope this helps.

Bruce N7TWB Phoenix, AZ

2291. trouble getting this rec news, help please!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-13 00:00:00 UTC
From: Peter Shintani <shintani@tv.sony.co.jp>
Message-ID: <4fpnqe$ii4@oskgw.osk.sony.co.jp>
Source record: 205689

I am having trouble receving this news forum from about last week.
I am not sure, but I think I receive a short message which
mentioned something about registration. If some form
of registration is required, can someone email me
the procedure.

'73

2292. Re: WTB: Yaesu FT-101E

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-13 00:00:00 UTC
From: allan@thompson.zynet.co.uk
Message-ID: <311fefe6.14469112@news.zynet.co.uk>
Source record: 205690

Frank Todd <FAT101@psuvm.psu.edu> wrote:

>if anybody out there has an yaesu ft101e that they would like to sell
>please email me.
>-73's Frank

Does it have to be an E or will a 101 do?
There is also:
Datong FL2 multimode filter, FT207R + charger, Bnos LPM144 10 - 100 amp, FT7B HF Rig, Z match YC - 601, Digital display for 101 YC - 601, Mizuho SB 2M 2m ssb, Sentinel Linear amp, IC Mic compressor, Infrared mic system Dawa.

Allan

2293. NEW HAMFEST !!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-14 00:00:00 UTC
From: Tony <n3itn@fast.net>
Message-ID: <4ftn9i$57a@nn.fast.net>
Source record: 205610

```
There is a new HAMFEST in town.
The FIRST NORTHWEST NEW JERSEY HAMFEST
will be held on April 28 1996
at the Budd Lake Fire House
on route 46 in Budd Lake, NJ
for more info look to "THE HAM-STRING"
at http://www.users.fast.net/~n3itn/
```

2294. Re: Help with IC-27H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-14 00:00:00 UTC
From: stan@mutadv.com
Message-ID: <4ftj53$p67@news-2.csn.net>
Source record: 205611

In article <4ft2ir$3n5@canyon.sr.hp.com>, gregb@sr.hp.com says...

>I have a friend who has an IC27-H in need of a volume control. Does anyone
>have the documentation for this who can give me a part number for it? I would
>like to order one for him so that I can repair his radio when he visits me
>later this month.

I tried to send this by email, but your reply address seems to have a problem.
On the schematic for my 27H, the VOL control is labeled as follows:

R16
10KA
(K09111)

73 es gl de kf0ia

--
Stan Huntting, KF0IA
Postal Address: 4655 Pleasant Ridge Rd.,
Boulder, CO 80301-1731, USA
email: stan@mutadv.com
KaWin Home Page: http://www.mutadv.com/kawin/
KaWin FTP Site: ftp.csn.net in the directory /kawin

2295. Mail failure

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-14 00:00:00 UTC
From: POSTMASTER@MSPO1.MED.UTMB.EDU
Message-ID: <199602141445.GAA17756@UCSD.EDU>
Source record: 205612

FROM: Adminstrator
TO: Ham-Equip@UCSD.EDU DATE: 02-14-96
TIME: 08:40
SUBJECT: Mail failure

User mail received addressed to the following unknown addresses:
UTMB/MSPO1/bdoreck

Ham-Equip Digest Wed, 14 Feb 96 Volume 96 : Issue 96

Today's Topics:
Ameritron Amplifiers
FS: HTX-202 HT
FT10 Problem
Icom W31 Mods??
info on multiband qrp kit
Mail failure
Transmitter fingerprinting (was Re: 82 Repeater in Kansas City)

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 14 Feb 96 07:06:28 GMT
From: a0378@freenet.uni-bayreuth.DE (Karl-Heinz Merscher)
Subject: Ameritron Amplifiers

Hi Northamerica,

where to get good information material about Ameritron Amplifiers for HF
operation?
In Germany it is very hard to get good info. In most of our catalogues only a
picture appears
without background information.

Anybody how can proi?vid my address to Ameritron??

vy 73

DL6RDE, Charlie

Date: 13 Feb 1996 05:38:05 GMT
From: herb@alpha1.csd.uwm.edu (Nathan Ryan Gingras)
Subject: FS: HTX-202 HT

I have a Realistic HTX202 that I no longer use. it is in mint condition,
with spkr. mic, batt packs (rechargable/alkaline), etc. No box, but have
manual.

$110.

Nate.

Date: 8 Feb 1996 05:14:30 GMT
From: GCLL54A@prodigy.com (Gary Judd)
Subject: FT10 Problem

Do you have a callsign, or at least a name?

Date: Wed, 07 Feb 96 12:59:51 GMT
From: nadzam@garlic.com (Bill Nadzam)
Subject: Icom W31 Mods??

In article <4f6u26$qeu@news.ccit.arizona.edu>,
cweddle@astro.as.arizona.edu (Chris Weddle) wrote:
>Hi: Anybody have the mod info for the Icom W31? I don't do mods myself. But
>being friendly and technically inclined, friends ask me to find things from
>time to time. There's nothing at oak.oakland.edu on the radio.
>
>Chris, N7RME
>cweddle@as.arizona.edu

Here is a copy of somthing I kept for my IC-Z1A, which is the same
radio as the W31. The only thing that is different is that on my
Z1A is that the face comes off as a speaker mic.

From: baptpdc@netcom.com (Bruce A. Pope)
Subject: Re: Mods for IC-Z1A
Date: Sat, 22 Jul 1995 07:20:53 GMT

vannossc@ipssmail.sch.ge.com (Scott A. Van Nostrand) wrote:

>Any mods available yet for this model??

>--
>***
>* Scott Van Nostrand, N2ZYI ** Opinions, ideas *
>* GE Technical Communications ** expressed here *

>* vannossc@ipssmail.sch.ge.com ** are my own. *
>**

Ok, after messing around with the radio on my own and then getting the
"official" mod, here's a summary of the various diode mods for the Z1A:

Icom Z1A mods

[B]+[#]+[POWER] = Extended Receive.
VFO *DISPLAYS* 50-299.900 and 300-999.900.
AM Aircraft band enabled.
SET mode now has a new "PLACE" function for setting
the direct entry starting digit.

There is room for four diodes in the Z1A located on the CPU board to the left
of the ribbon cable connector. On a US version, only the bottom two are
installed. D15 is just below and to the right of the four diodes. These
diodes are bigger than the rest of the surface mounted components and are easy
to spot.
The official ICOM mod (which I unofficially saw...) is to remove D15 for
extended TX and to use the above keyboard mod for extended receive. According
to the sheet, the 800-900 band is NOT available in US versions.

```
+-+ +-+
| | | | <---- Installing diodes in either of these seems to do
+-+ +-+ nothing.
```

```
+-+ +-+
| | | | <---- IN: US Version 144-148 TX 440-450 TX
+-+ +-+ OUT: Extended 136-174 TX 380-470 TX (Lose auto-repeater
^ and tone encode)
|
+------------ IN: US 144-148 TX 440-450 TX
OUT: European 144-148 TX 430-440 TX
```

```
+-+
"D15"--> | | <---- IN: US Version Stock
+-+ OUT: Extended TX 136-174 380-470 (keeps auto-repeater
and tone encode)
```

A word of warning about messing with the four diode pads: If you detach
either one of the installed diodes, the CPU will reset and you'll lose ALL of
your memories. (found that out the hard way...) D15 doesn't seem to affect
the memories at all.

Since the 800MHz band is not available in US versions, my guess is that
there's a keyboard mod to unlock it instead of a diode. The diodes only seem
to control the country versions. If anyone has any more keyboard mods, please
post them.

Bruce KD6ALI

Name: Bill.Nadzam

E-mail: "Bill Nadzam" <nadzam@garlic.com>

Date: Tue, 13 Feb 1996 07:18:35 -0700
From: Norm Hammar <norm@cqg.cqg.com>
Subject: info on multiband qrp kit

My son and I are looking to build an HF QRP (or otherwise) transceiver
for use on 80, 40, and 15 meters. If you have information on a
relatively easy-to-build kit, please email us at norm@cqg.com.
Thanks N0DHO

Date: 14 Feb 96 07:51:00 GMT
From: POSTMASTER@MSPO1.MED.UTMB.EDU (Adminstrator)
Subject: Mail failure

FROM: Adminstrator

TO: Ham-Equip@ucsd.edu DATE: 02-14-96

TIME: 01:52

SUBJECT: Mail failure

User mail received addressed to the following unknown addresses:
UTMB/MSPO1/bdoreck

Ham-Equip Digest Tue, 13 Feb 96 Volume 96 : Issue 95

Today's Topics:
** FS : WINDOWS'95 CD UPGRADE $50 **
Advice on Icom 751
Can you explain AM on UHF?
FOR SALE -- SHURE 450 DESK MIC
FS: 2m FM Repeaters and Duplexer
FS: IF232 Kenwood interphase for PC/transceiver
FT-10 or FT-11
ft-840 mods
HT and Mobile 2 M For Sale
ICOM IC-2SAT HELP!?
ICOM IC 706 AIRBAND-Transmitter 10 Watt
IMD resistant rigs
Is there an all purpose TNC/Decoder?
Kenwood Monitor: SM-220
NEED TO's FOR AN/PRC-47
Power adjustment on the TS-440S
Remote functions of the Kenwood TM 733?

SALE - VINTAGE ELECTRONICS
STANDARD 568 CELL MOD
Standard C568 & 508 with 900 MHz Transmitting ?
UHF Repater For Sale
WANTED
Wanted manual for Microwave M Xverter
WTB -- RADIO HANDBOOK (Orr, W6SAI)
WTB: Hi-Z desk and hand mics
Yaesu FT-10 mods ??
Yaesu FT5100 or Icom 2350H

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 13 Feb 1996 19:54:45 GMT
From: HWDX09A@prodigy.com (Robert Reed)
Subject: ** FS : WINDOWS'95 CD UPGRADE $50 **

SUBJECT: ** FS : WINDOWS'95 CD UPGRADE $50 **

I have still available a few Windows '95 CD-ROM Upgrade kits.

These are new, sealed, Microsoft Windows '95 CD-ROM Upgrade
Kits received with a computer order that I don not intend to use
with the computers they were received for.

These kits include the manual, CD-ROM disk, software registration
card, and Microsoft holographic Certificate of Authenticity.

The price is $ 50.00 each shipped by 2nd Day Priority Mail.

Send a check to :

Robert Reed WB2DIN
538 Brewers Bridge Road
Jackson, New Jersey 08527

TEL : (908) 363-2724

I will be selling the remaining Kits at the LIMARC Hamfest in
Frreport, NY on 2/25 and the Absecon, NJ Hamfest on 3/2 but
cannot be certain there will be any left afterwards.

73, Bob, WB2DIN

-
ROBERT REED, WB2DIN HWDX09A@prodigy.com
538 Brewers Bridge Road
Jackson, New Jersey 08527 PACKET WB2DIN@WT3V

Date: 7 Feb 1996 04:38:10 GMT
From: wwhite@southwind.net (Wayne White)
Subject: Advice on Icom 751

Being a fairly new ham I am not as familiar with all of the HF rigs out there as I hope to become. There is a member of our club who has upgraded his station and will soon be selling an Icom 751. I would like any information or opinion on this particular radio. I am particularly interested to know if it is a good radio for CW work, if it has any known inherent inadequacies, is it too much or too little radio for one with little experience but high hopes and of course, what is an equitable price for a used 751 in good to very good shape.

Any, and all help is greatly appreciated.

73 de KB0TIJ

Date: 12 Feb 1996 23:00:43 GMT
From: Chris Hays <76703.4257@CompuServe.COM>
Subject: Can you explain AM on UHF?

That's KFI's non-delayed audio feed. They use that to
provide real time audio to the helicopters and any other
remote pickup points.

--
Chris

Date: 13 Feb 1996 18:39:30 GMT
From: QRP%mimi@magic.itg.ti.com (D W Hemphill KC5NG)
Subject: FOR SALE -- SHURE 450 DESK MIC

re: Shure 450 mic
OFFER: $25 postpaid.
E-mail me if accept.
Thanks!
Dean KC5NG
QRP%mimi@magic.itg.ti.com

Date: 13 Feb 1996 13:29:45 GMT
From: QRP%mimi@magic.itg.ti.com (D W Hemphill KC5NG)
Subject: FS: 2m FM Repeaters and Duplexer

NOTE -- I am posting this equipment for the local club.
I have nothing to do with the equipment itself
or the sale of same. Please DO NOT contact me
about this equipment! Thanks, KC5NG

2M FM REPEATER EQUIPMENT FOR SALE:

The Denton County Amateur Radio Association (W5NGU)
is offering the following 2m FM repeater equipment
for sale:

Repeaters: (two available)
RCA Series 500, model C2CK7CJATDB03Y
Base/repeater with DC remote control
150 MHz, 60/100/115 Watt
1B-8028476
equipped with SYM 860 Auto Duplex Terminal

Duplexer: (one available)
Decibel Products DB-4060-WC-A
(can be converted to "B" model for 144 MHz)

Prices are negotiable. Equipment is located in
Denton, Texas, about 35 miles north of Dallas on
Interstate 35. Equipment was donated by FEMA.

Contact: Gerald Marchant, WB5NZV
(817) 387-2314 (evenings)

Date: 12 Feb 1996 18:36:10 GMT
From: Jorma Saloranta <Jorma@salor.pp.fi>
Subject: FS: IF232 Kenwood interphase for PC/transceiver

IF232 for sale: USD 120

Jorma OH2KI
jorma@salor.pp.fi

Date: Tue, 13 Feb 1996 15:22:25 GMT
From: raider@salmon.mugu.navy.mil (Michael Raider)
Subject: FT-10 or FT-11

I'm thinking about purchasing either the FT-10 or FT-11. Anyone have
experience, good or bad, with either of these units. Having never used a
handheld, I am having a hard time understanding the advantages of one
over the other.

Thanks, Mike, KO6BC

Date: Tue, 13 Feb 1996 14:58:53 GMT
From: maury@tellabs.com (Maurice Givens)
Subject: ft-840 mods

Does anyone have mods for the Yaesau FT-840?

Thanks

==

Maurice "Maury" Givens, P.E., NCE
__|__ PP ASEL IA AGI IGI
_______(*)_______ maury@tellabs.com
Ham Radio: N9DC
CAP: 1st Lyons Composite Squadron
ILWG, Red Fox 406

I am not even sure "I" want to accept responsibility
for what I say, much less my employer.
==

Date: Thu, 08 Feb 1996 00:50:34 -0500
From: Rick Johnson <rick@halls.com>
Subject: HT and Mobile 2 M For Sale

Ht is ICOM 2AT with 3 battery packs and plug in charger...
Mobile is ICOM 280 with mic and mobile hump mount ...

Both are in good condition. I use a dual band Kenwood and not these two.
Someone can get good use of either one.

The HT batteries are not charged but the unit worked great when I
borrowed another battery pack.

Asking $ 135 for each, or best reasonable offer. Shipping negotiable.

Rick N8HUJ

Date: 14 Feb 1996 04:25:02 GMT
From: "Gary P. Fiber" <gfiber@halcyon.com>
Subject: ICOM IC-2SAT HELP!?

>1) does this radio have a tone burst for reapeter use ,if so how
>is it operated?

On the 2SAT, 1750 Hz burst could be added if the serial number was below
about 9500, also the minimum offset tuning step size needed to be 25 kHz.
Here you would need to convert the radio to a european version and install
2 SMD resisotrs. After S/N 9500 or so the offset tuning was made
adjustable and the 12.5kHz tuning step was removed, also so was the ability
to have a 1750 hz tone burst. The reason was to free enough memory in the

CPU to have the adjustable offset tuning steps rather than the original
fixed 25 khz tuning in the earlier model 2SAT radios.

>2) my radio seems to have rx 100-200 Mhz and tx 140-150Mhz
>but the disply will read 0-1300 Mhz. does this mean it can
>be made to receive from 0-1300 Mhz if so how?

The radio will actually receive from 110 to 136 aircraft A.M. and 136 to
174 Mhz F.M. Signals above or below this range are usually overloads or
images. The tuning ability never stopped in the CPU program, how ever the
VCO never had the kind of range the frequency readout would report.

Gary

Date: 11 Feb 1996 02:21:36 GMT
From: com-com@t-online.de (Anton HOLLAUS)
Subject: ICOM IC 706 AIRBAND-Transmitter 10 Watt

what must i do to transmit with the 706 with more as 0,01 Watts in the
airband. liz. ok.

vy 73

Date: 8 Feb 1996 04:12:41 GMT
From: Will Flor <willf@rrgroup.com>
Subject: IMD resistant rigs

> daniel@pandora.lugs.po.my (Daniel Wee, 9V1ZV) writes:
> Can anyone recommend a good IMD resistant rig for 2M (and
> possibly dual bander with 70cm) I noticed that Kenwood rigs
> are particularly bad. Is this a valid observation? How do
> other makes compare? Thanks.

Standard (Marantz) has always claimed excellent IMD rejection for their rigs.
As an
owner of several Standards, icluding two C5718DA 2m/70cm, I can attest to the
truth of
this claim. I live on a high hill, the very top of which is the highest
point in the
Milwaukee area. Within three miles are literally about 60 repeaters, for
everything
from 6m ham to 800 MHz public service, and everything in between. Also two
cell sites,
quite a few pager towers, several commercial broadcast towers, and a military
communications facility, complete with a camouflaged communications tower (it
gets "top
billing" as the very highest structure in the Milwaukee area, BTW.) In other
words, a
really, really IMD-prone area. I have yet to experience *any* IMD with any
of my

Standards - not even once - except on the 900 MHz band, which does get IMD from the
really-close cell site (under a mile.) Luckily, the 900 MHz miltary radar facility
that used to adorn my hill (across the street from the place with the camouflaged
tower) is now a city park, along with the Nike missile launching facility at the
hill's bottom. I can only shudder to think of the interference *that* would cause.

73 de KB9JTT
-Will from Wisconsin
willf@rrgroup.com

Date: 13 Feb 1996 18:51:46 -0500
From: rickcrider@aol.com (RICKCRIDER)
Subject: Is there an all purpose TNC/Decoder?

Been a ham for several years......though yet to venture into packet. I'm terribly confused as to what TNC to buy. I won't say that money is no object, but, rather than buy several pieces of gear, I'd rather spend on the 'right stuff'. I would like a unit that would handle regular ham type packet, as well as decode other data transmissions, such as pagers, both digital and alphanumeric, DTMF tones, and other various data transmissions that may be occupying the airwaves here about the premises. Is there such an animal? If not, what various pieces of seperate equipment would one need. All help appreciated.
Cordially:
Rick Crider
KD4FXA
Monroe NC

Date: Mon, 12 Feb 1996 15:38:11 -0500
From: mwhite@mitre.org (Michael White)
Subject: Kenwood Monitor: SM-220

Hugh Catlett wrote:

> SM-220 was made to be used with at least the Kenwood 830.

The SM-220 alone is simply a station monitor, without any panadapter functions. An additional circuit board is required to use it as a panadapter. There two such boards: the BS-5 and the BS-8. The BS-5 is for use with the Kenwood 500 series HF xcvrs, like the TS-520. The BS-8 is for later transceivers with 8.83 MHz IF.

Mike, N4PDY

--
mwhite@mitre.org

My opinions are my own, not my employer's.

Date: 13 Feb 1996 10:38:12 -0500
From: jhuff@wrdis01.robins.af.mil (11 John Huff)
Subject: NEED TO's FOR AN/PRC-47

DOES ANYONE HAVE THE NEW CORDLESS AND ENTERTAINMENT 900mHZ FREQS? IF SO, WOULD YOU PLEASE POST THEM HERE. I'm new to this posting, so please excuse the goofs I make.

Thanks, John

Date: 7 Feb 1996 08:52:04 GMT
From: Danie Brynard <danie.brynard@pixie.co.za>
Subject: Power adjustment on the TS-440S

I also had a TS440S. I agree you cannot vary the SSB output power on a TS440S except by controling the ALC voltage at the back of the radio. I built myself a little box for controling the ALC when I still had the 440, used it for QRP on HF.

The mic gain is a very unreliable and non-linear way of controlling the 'rf' power. It is not meant for that. Try using the mic gain when driving a 10mW transverter !

I went thru this whole story years ago - don't waste time with the mic gain control.

I now have a ts690s: kenwood decided to implement a rf output control on it, it works wonderful. Why have they decided to do it ? Make up your own mind.

73 Danie zs6awk

Date: 14 Feb 96 07:03:54 GMT
From: a0378@freenet.uni-bayreuth.DE (Karl-Heinz Merscher)
Subject: Remote functions of the Kenwood TM 733?

Hi:

Could anybody explain the remote functions of the Kenwood TM 733?? What is possible with the remote controll?

Thanks in advance!

73

DL6RDE/AA1KD, Charlie

Date: 13 Feb 1996 16:50:32 GMT
From: "C. L. Kasten" <102632.1477@CompuServe.COM>
Subject: SALE - VINTAGE ELECTRONICS

VINTAGE ELECTRONICS SALE - Radio and TV parts, vacuum tubes, capacitors, resistors, test equipment and chassis assemblies dating from the 1940's to the 1970's. All items will be sold AS IS.

Sale to be held from 0800 to 1600 on March 16/17, 1996 in Garden Grove, CA. For location or other information, E-mail C. L. Kasten at: 102632.1477@compuserve.com

---

Date: 8 Feb 1996 03:49:52 GMT
From: Will Flor <willf@rrgroup.com>
Subject: STANDARD 568 CELL MOD

"Guenter Koellner (DL4MEA)" <DL4MEA@AMSAT.ORG> wrote:
>
>Instructions for the C568A cell restore modification:
>

Any idea how to do a similar mod for the C5718DA?

Date: 11 Feb 1996 02:26:46 GMT
From: com-com@t-online.de (Anton HOLLAUS)
Subject: Standard C568 & 508 with 900 MHz Transmitting ?

C 568 is receiving on 900 Mhz , also the new 508.
Why not transmit? In the Airband bring both transceiver the full power !

vy 73

Date: Sun, 11 Feb 1996 07:57:49 GMT
From: Ken Yu <ak165@lafn.org>
Subject: UHF Repater For Sale

>This Repeater is modified from 100 watts Motorola Micor standard/wide-
>space mobile radio. It have internal volume, sql control, one channel
>element, rx/tx antenna port and interface cable with B+/B-, PTT, COS,
>audio/in, audio/out. All repeater will tested and pre-tune to
>442.000/in, 447.000/out.(x,tal not inculded)I will provide the x'tal
>vendor information for your reference. Asking $225 I pay shipping
>anywhere US. Please contact me via e-mail or call 1-818-288-9728
>** ken or John**

Date: 13 Feb 96 17:31:44
From: rusty@diakonos.iafrica.com (Rusty Lotter)
Subject: WANTED

Has anyone a used CW Electronic Keyer or even just the Paddle, for Sale?

Please respond: rusty@diakonos.iaccess.za
ZS1WQ @ ZR1LSK.SCP.ZAF.AF
+27(441)711534 Ph/Fax

--
|FMLYNET: Rusty Lotter 8:79/0
|Internet: rusty@diakonos.iafrica.com
|
| Standard disclaimer: The views of this user are strictly his own.
| FMLYNET SA <> INTERNET GATEWAY at Diakonos BBS

Date: 12 Feb 1996 22:47:05 GMT
From: little@pecan.enet.dec.com (Todd Little)
Subject: Wanted manual for Microwave M Xverter

In article <1996Feb9.192433.13164@ke4zv.atl.ga.us>
gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

> In article <4fe8em$50n@news.cis.okstate.edu> Gordon Couger
<gcouger@master.ceat.okstate.edu> writes:
>>I have Microwave Modules 144 MHz linear transverter SN# 18829xx. It appears
>>to have ben made in 1988. I need the manuals or at least the power input
>>on ten meters.
>
> 5 mW.

The manual for mine (which is a little older based upon the schematics)
says that the small preset pot on the main circuit board half-way along
the side remote from the PA compartment allows adjustment of drive
level from 5 mW to 750 mW. Additionally, if you have less drive than
that, there are two pins near the pot that can be shorted together
to increase the transmit sensitivity to 0.1 mW to 15 mW.

My manual says the pot comes preset to a 500 mW drive level.

Adjustment is to apply a 28 MHz carrier and adjust the pot until the
transverter just draws maximum DC current. Nothing like maximum smoke
procedures. ;-)

73,
Todd
N9MWB

Date: 6 Feb 96 22:52:41 CST
From: Bill <debral@falcon.cc.ukans.edu>

Subject: WTB -- RADIO HANDBOOK (Orr, W6SAI)

Looking for the following amateur radio related book:

RADIO HANDBOOK
by William Orr, W6SAI
22nd Edition 1981
Howard W. Sams & Co

Prefer "mint" condition with no markings, underlining, dog ears, etc.

73s

Bill
AA4FM/0

Date: 13 Feb 1996 13:37:07 GMT
From: QRP%mimi@magic.itg.ti.com (D W Hemphill KC5NG)
Subject: WTB: Hi-Z desk and hand mics

WANTED: High-impedance ceramic microphones...

a) Desk mic: Heathkit (or the E-V equivalent),
Shure 444, or similar.

b) Hand mic: Heathkit, Shure 404-C, or similar.

What do you have and how much do you want for it?
Contact me via e-mail or telephone. 73!

Dean Hemphill, KC5NG
QRP%mimi@magic.itg.ti.com
(817) 497-5365

Date: 14 Feb 96 03:39:02 GMT
From: acubel@alfa.adinet.COM.UY (Alejandro Cubel)
Subject: Yaesu FT-10 mods ??

Can anyone tell me how to extend the tx and rx frecuency range on the Yaesu
FT 10 handheld ??
Thanks.
Saludos de:
Dr Alejandro Cubel (CX9BBL)
Montevideo
Uruguay

Date: Sat, 10 Feb 96 22:55:21 -0400
From: bobp@cais.com (Robert A. Plamondon)
Subject: Yaesu FT5100 or Icom 2350H

In <4fgoe6$n9g@newsbf02.news.aol.com>, Toast writes:
>Need info or comparison of these two radios. (which is best)
>
>Please reply to: toast@best.com or toast@aol.com

I can only tell you that I own an FT-5100 for 2 years now and
it has been an outstanding radio. I had the expanded receive
mod done and that has worked out well too. We have quite a few
hams here in Northern Virginia that use that radio and I have
yet to hear a problem with it.

Good luck with whatever you do.

73, KE4HCX/Bob

End of Ham-Equip Digest V96 #95
****

Date: 6 Feb 1996 13:29:07 -0500
From: ed@fore.com (Ed Bathgate)
Subject: Transmitter fingerprinting (was Re: 82 Repeater in Kansas City)

>This is one of the weaknesses of the system, another is changing the
>rig, or swapping a couple of components in the tx (changing some of
>the resistors/caps is usually enough).

>For example, the claim that each and every radio
>is uniquely identifiable, even radios of the same model and production
>run. Granted, variation in component values will result in slightly
>different PLL characteristics, but I have yet to see any evidence that
>suggests that the resulting fingerprint varies enough to be considered
>"unique".

Ok, here is more variables in the system, voltage, SWR, reactance, impedance?

One of my rigs is an HTX-202 (like 10,000) others out there. What do you
think would happen to the fingerprint if I ran on batterys, weak batterys,
12v from the car, on 13.8 with a smidge of ac ripple? Hi power,
low power, an antenna with high swr? Duck? An antenna with a capacitor in
series, started to tx while holding the antenna with my hand then releasing
it? When the radio is cold?

I would think that the fingerprints would be quite unstable unless you always
used the same exact antenna, voltage, temp, location...

I think that only permitting signals that had a matching fingerprint as
opposed to letting all signals except x,y,z would work better.

Ed N3SDO

End of Ham-Equip Digest V96 #96
****

2296. Re: FT10 Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-14 00:00:00 UTC
From: knappsm@crablegs.cig.mot.com
Message-ID: <4ftq4t$6a2@newdelph.cig.mot.com>
Source record: 205613
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

MEME <76535.2442@CompuServe.COM> wrote:
>If you have a Yaesu FT10 with CTCSS, there may be a problem.
>Try this and see if you think so too:
>
>1. Go near a source of square waves. A PC will do, or maybe even your car.
>2. Tune around the 2m band until you get some hash (the stronger the better).
>3. Set the squelch level to "0".
>4. Enable TSQ., and the audio will quiet down.
>5. Now wait and see if hash breaks through the TSQ. (in bursts)
>6. If not, try scrolling through the different TSQ freqs and
>you'll most likely hear it. If not, try using another receive freq.
>7. See how far you have to turn up the squelch to get it to quiet down.
>(In some cases mine had to go all the way to max.)
>
>BTW, No other HT of ANY make or model does this that I have tried it with.
>I was able to repeat this with ALL similarly equipped units in several
>stores, right off the shelf. According to Yaesu, the engineers in JY-land
>are now working on this, and hope to find a solution soon.
>So unless the hash breaks through TSQ on one of YOUR favorite freqs, it may
>not bother you, but it sure does me!

I thought my FT40 stoped doing this when I exit the squelch setting. I
thought it was just for my convience in setting the squelch that is
was giving me some static. Now I played with it and noticed that mine
does this no matter what, even without the hash, if I turn the
squelch down I get the noise in bursts as you describe.

Any word on fixes?

Steve

--

Steven M. Knapp Motorola Inc, CIG
1501 W Shure Dr. IL27-3227AR
Mail: knappsm@cig.mot.com Arlington Heights, IL 60004 USA

2297. FS PTS 160, 100KHz to 160MHz 1Hz resolution DAS synthesizer.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-14 00:00:00 UTC
From: wave@mindspring.com
Message-ID: <4ftqqt$fku@firebrick.mindspring.com>
Source record: 205614
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment

I have a mint PTS160 frequency Synthesizer by Programmed Test Sources.
It generates carriers from 100 KHz to 160 MHz in 1 Hz steps. The unit uses
Direct Analog Synthesis and can switch frequencies in extremely short times.
Power is adjustable from the front panel up to around 15dBm. Unit is calibrated
and within 1Hz of WWV. This unit sells new from PTS for over $7000. Asking
$1200. OBO. Unit has TCXO, GPIB, Rack mount and other options.

AC4OP
Pieter
Wave@mindspring.com

2298. Re: Alinco DX - 70T

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-14 00:00:00 UTC
From: "F. Kevin Feeney" <fkf1@cornell.edu>
Message-ID: <4ftr8g$8va@newsstand.cit.cornell.edu>
Source record: 205615

In article <4fsvi8$6ln@news.innet.com> , hamradio@camalott.com writes:
In article <4fsvi8$6ln@news.innet.com> , hamradio@camalott.com writes:
>Is anyone using the Alinco DX - 70T and if so, what is your opinion of
>the radio. Thanks, KC5OQE
>

Generally I like it. I sort of wished I'd waited for the 706 now, but it does most of what I needed it to do. It does have some bugs and quirks and two outright problems, but all new radios do.

The two big problems are that 1) the noise blanker doesn't work and 2) there's no 500 Hz cw filter as advertised.

The factory claims to have a fix for the noise blanker problem, and I'll be sending mine back in under warrenty to get that fixed. Something about some gain missing in the driver for the gate circuit. They weren't too detailed on the phone.

On the missing filter, I was told I'd have to talk to Taka. I don't know what that means - but it doesn't sound promising. I haven't sat down yet and written him, I've been waiting for a bit to see if they come up with improved firmware for some of the little things, but I'm about ready to send it off. The specs claim SSB wide and narrow as something like 2.4Khz wide and 1.0 Khz narrow and for CW as 1Khz and 500 Hz - which would make a pretty reasonable filter set. I suspect the 1.0Khz for the SSB is a typo, maybe they meant 1.8 Khz, but it definately does narrow things down. But on CW, the narrow position only sounds like they added an audio low pass filter behind whatever the narrow SSB filter is - the high frequency hiss drops, but if you tune across a signal it is *much* wider than a 500 hz filter - as I recall the signals were plainly audible across about 1.7 Khz of tuning range. By no means the '500 Hz cw filter' one would expect from the spec sheet. And there's no provision to add extra filters. Having traded a radio with a good CW filter towards the DX-70T, I'm a bit cranky that they don't meet their published spec on the cw filter.

The quirks were more like oversights in the firmware. If you are trying to operate cross band using the split mode, the receive mode is forced over that selected in the transmit VFO. For instance I was trying to listen to 6m FM talking with a Tech friend while he listened to me testing on 28 mhz SSB. The appropriate frequencies were in the two VFO's, A and B, but when I pressed the PTT I was surprised to find I was transmitting FM on 28, instead of the selected USB mode. Not a terribly common situation, but the radio should do it - other wise what's the point of setting the mode with the VFO?

And if you operate much 6m, and need tones the tones are selected manually by a set of dipswitches on the bottom of the radio - not terribly handy, especially in the mobile environment. I'm planning to see if that's a socketed ☐☐☐ dip switch and if it is replace it with a cable up to an external thumbwheel switch to I can at least select the tones without having to pull over and demount the radio. It should have been done in software with the VFO and Memories.

On the plus side, it gets great audio reports consistently. It's a nice size for the mobile. It's practically indistinguishable from a TS-50 when sat side by side - I suspect they co-opted the maker of the TS50's case to build the same thing for them with an extra coax connector. It does a nice job with AM receive for SWLing on the highway. The memories are handy for that and for getting around in the band while mobiling. The controls are pretty logical - I don't need to keep the manual with me to do most things. With the noise blanker fixed and the proper CW filter I'd count myself pretty satisfied, although perhaps a bit envious of the 706 for the higher power on 6 meters and the 2 meter coverage (and the cute stuff like the microphone up/down button keyer)

If you can get it at a reasonable price and don't need the high power on 6 or the two meter coverage and don't do more then very casual cw operating - it's a pretty good rig. I suspect it's been largely eclipsed by the Icom 706 and may either be dropped from the line or updated - but for mobile phone work it's a good less expensive alternative to the 706 and has some nice things going for it.

YMMV

73 de kevin, WB2EMS

2299. help with solar power for ham shack

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-14 00:00:00 UTC
From: BAACK@MAINE.MAINE.EDU
Message-ID: <96045.161341BAACK@MAINE.MAINE.EDU>
Source record: 205616

Hello all,
Iwas wondering if some of you solar guru's could help me find
some good information on how to get started in solar with
"little" expenditure. I have a growing interest in letting solar
power be the source to my portable power requirments needs.

Thanks,

Jason N1RWY

baack@maine.maine.edu
http://www,umecut.maine.edu/~baack

2300. HELP! Need MOD for Yaesu FT-840

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-14 00:00:00 UTC
From: Russell Wells <rwells@awod.com>
Message-ID: <4ftjtm$i5j@harbour.awod.com>
Source record: 205617

I need the general coverage Xmit Mod for the Yaesu FT-840. If you got it please pass iit along to my I would be greatful.

TNX Russ South Carolina

2301. FS: Great Communications Computers - CHEAP!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-14 00:00:00 UTC
From: dtburr@mcs.com
Message-ID: <4ftasv$f8d@Nntp1.mcs.net>
Source record: 205618

I have four lower-end PCs for sale. Great for communications work,
basic word processing or spreadsheet work. The 286s are Windows-capable.

1)Toshiba T1200 laptop, dual floppy, no HD, comes with case, manuals. $100

2)Mitsubishi 286, 40M HD, 1.2 5-1/4 floppy drive, 1M RAM, CGA graphics card, $90
3)Mitsubishi 286, 40M HD, 1.2 5-1/4 floppy drive, 2M RAM VGA graphics card, $100

Both of the above are very nice, clean, compact machines

4)NEC Powermate 286, 40M HD, 2M RAM, 1.2 and 360k 5-1/4 floppies, VGA card, $100
Excellent shape

Monitors for your new machine(s):
Aamazing 14" VGA color monitor, great shape $130
NEC 14" CGA color monitor, very nioce unit $100

Will make package deals!

Contact Dave

dtburr@mcs.com
or: 708-462-5720

2302. Need GE LBI-3615 Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-14 00:00:00 UTC
From: Jim Brown <starman@conterra.com>
Message-ID: <31229BD4.219A@conterra.com>
Source record: 205619

I am looking for the manual to a GE LBI-3615 GE Power Amp Mod 4EF5A1
Rev B. If anyone has this manual, I would be happy to pay for the
cost of duplication and mailing.

thanks es 73 de WM3O <Jim>

2303. Re: Heath HW101 Questions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-14 00:00:00 UTC
From: rstevens@voicenet.com
Message-ID: <4ftbq2$o9h@news.voicenet.com>
Source record: 205620

Way back when, I put Jackson drives on a couple of HW-100/101's. Used at the time, the Swan 350 aluminum outer knob and black plastic inner knob, so it looked just like a Swan knob assembly. There is no better upgrade for that crappy original arrangement. I don't know if Swan knob assemblies can be had anymore--I would doubt it. I HAVE heard that Silitronix 11-meter VFO's use the same units.

73, Roger WA3FLE
Norristown, PA

In article <823702219.1449@pinetree.microserve.com>,
jackl@pinetree.microserve.com says...
>
> TJB94002@UConnVM.UConn.Edu wrote:
>
>>Is there any information out there about Jackson drives?
>>Who made them?
>
>Jackson Bros. made them, in England. Surplus Sales of Nebraska
>has a few styles in stock, brand new, at around $15 each (I think).
>You can reach them at (402) 346-4750. Be sure to make a few
>measurements before calling, for instance the approximate length
>of the shaft and diameter of the body. It'll save your phone bill. :)
>
>73,
>Jack WB3U
>
>

2304. Re: Software 'scope?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-14 00:00:00 UTC
From: charlott@nyc.pipeline.com
Message-ID: <4fu9ik$o4r@pipe12.nyc.pipeline.com>
Source record: 205621

I think you would need some sort of a data acquisitin board and the
associated software. I know there were some data boards in the Cole Parmer
(Chicago) catalog.
--
Clarke
On-the-Road in Mountain Home, Texas

2305. Re: Help with IC-27H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-14 00:00:00 UTC
From: Bruce Rogers <brogers@indirect.com>
Message-ID: <3122AE4F.23C7@indirect.com>
Source record: 205622

Greg Brahms wrote:
>
> I have a friend who has an IC27-H in need of a volume control. Does anyone
> have the documentation for this who can give me a part number for it?

Call Icom in Bellevue, WA at (206) 454-7619.
They should be able to look it up and get one on order if it's still
available. I have had excellent service from them.

2306. Re: FT 840 power adjustment question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-14 00:00:00 UTC
From: kn6cr@aol.com
Message-ID: <4ftso9$bg4@newsbf02.news.aol.com>
Source record: 205623

Dear KN4FR and interested,

The 840 puts out between 5 and 6 watts on 20 meters with the "rf power" knob turned all the way counterclockwise. I've used it with the Ten Tec 6 meter transverter with no problem--it's a nice combination.

Here's another trick, from AA4ZX on the qrp-l mailing list:

Open the top case of the rig, and on the right side, very near the front panel, right behind 5 pots, is a little slide switch market 50-100. It's in the 100 watt position for US radios, but if you slide it over to 50 watts, you'll only put out about a watt or two at the minimum power setting. You can use the BOTTOM part of the power out scale on your po meter, the one that maxes out at 50, to get a more expanded scale for the first 5 watts.
Good luck!
Matt AA2ZD

2307. Mail failure

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-14 00:00:00 UTC
From: POSTMASTER@MSPO1.MED.UTMB.EDU
Message-ID: <199602141533.HAA15190@UCSD.EDU>
Source record: 205624

FROM: Adminstrator
TO: Ham-Equip@UCSD.EDU DATE: 02-14-96
TIME: 09:28
SUBJECT: Mail failure

User mail received addressed to the following unknown addresses:
UTMB/MSPO1/bdoreck

Ham-Equip Digest Wed, 14 Feb 96 Volume 96 : Issue 97

Today's Topics:
FT 840 power adjustment question
Mail failure
Need D104 schematic
NEEDED: Yaesu FT-530 Mods...
UNIDEN MR 8100 (800MHz Unlock Code)

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 14 Feb 1996 12:42:48 GMT
From: "Gregory J. Buhyoff" <buhyoff@vt.edu>
Subject: FT 840 power adjustment question

Can the FT 840 be easily adjusted to the 5 watt power output level using the
front
panel power control or can it be adjusted (easily) to this QRP level using an
internal pot? Does anyone have experience with this? I would most
appreciative of
any information. I would like to use the FT 840 with a Ten-Tec 6 mtr
transverter.
Thanks and 73,
Greg KN4FR

Date: 14 Feb 96 14:39:00 GMT
From: POSTMASTER@MSPO1.MED.UTMB.EDU (Adminstrator)
Subject: Mail failure

FROM: Adminstrator

TO: Ham-Equip@UCSD.EDU DATE: 02-14-96

TIME: 08:40

SUBJECT: Mail failure

User mail received addressed to the following unknown addresses:
UTMB/MSPO1/bdoreck

Ham-Equip Digest Wed, 14 Feb 96 Volume 96 : Issue 96

Today's Topics:
Ameritron Amplifiers
FS: HTX-202 HT
FT10 Problem
Icom W31 Mods??
info on multiband qrp kit
Mail failure
Transmitter fingerprinting (was Re: 82 Repeater in Kansas City)

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 14 Feb 96 07:06:28 GMT
From: a0378@freenet.uni-bayreuth.DE (Karl-Heinz Merscher)
Subject: Ameritron Amplifiers

Hi Northamerica,

where to get good information material about Ameritron Amplifiers for HF
operation?
In Germany it is very hard to get good info. In most of our catalogues only a
picture appears
without background information.

Anybody how can proi?vid my address to Ameritron??

vy 73

DL6RDE, Charlie

Date: 13 Feb 1996 05:38:05 GMT
From: herb@alpha1.csd.uwm.edu (Nathan Ryan Gingras)
Subject: FS: HTX-202 HT

I have a Realistic HTX202 that I no longer use. it is in mint condition,
with spkr. mic, batt packs (rechargable/alkaline), etc. No box, but have
manual.

$110.

Nate.

Date: 8 Feb 1996 05:14:30 GMT
From: GCLL54A@prodigy.com (Gary Judd)
Subject: FT10 Problem

Do you have a callsign, or at least a name?

Date: Wed, 07 Feb 96 12:59:51 GMT
From: nadzam@garlic.com (Bill Nadzam)
Subject: Icom W31 Mods??

In article <4f6u26$qeu@news.ccit.arizona.edu>,
cweddle@astro.as.arizona.edu (Chris Weddle) wrote:
>Hi: Anybody have the mod info for the Icom W31? I don't do mods myself. But
>being friendly and technically inclined, friends ask me to find things from
>time to time. There's nothing at oak.oakland.edu on the radio.
>
>Chris, N7RME
>cweddle@as.arizona.edu

Here is a copy of somthing I kept for my IC-Z1A, which is the same
radio as the W31. The only thing that is different is that on my
Z1A is that the face comes off as a speaker mic.

From: baptpdc@netcom.com (Bruce A. Pope)
Subject: Re: Mods for IC-Z1A
Date: Sat, 22 Jul 1995 07:20:53 GMT

vannossc@ipssmail.sch.ge.com (Scott A. Van Nostrand) wrote:

>Any mods available yet for this model??

>--
>***
>* Scott Van Nostrand, N2ZYI ** Opinions, ideas *
>* GE Technical Communications ** expressed here *
>* vannossc@ipssmail.sch.ge.com ** are my own. *

>***

Ok, after messing around with the radio on my own and then getting the
"official" mod, here's a summary of the various diode mods for the Z1A:

Icom Z1A mods

[B]+[#]+[POWER] = Extended Receive.
VFO *DISPLAYS* 50-299.900 and 300-999.900.
AM Aircraft band enabled.
SET mode now has a new "PLACE" function for setting
the direct entry starting digit.

There is room for four diodes in the Z1A located on the CPU board to the left
of the ribbon cable connector. On a US version, only the bottom two are
installed. D15 is just below and to the right of the four diodes. These
diodes are bigger than the rest of the surface mounted components and are easy
to spot.
The official ICOM mod (which I unofficially saw...) is to remove D15 for
extended TX and to use the above keyboard mod for extended receive. According
to the sheet, the 800-900 band is NOT available in US versions.

+-+ +-+
| | | | <---- Installing diodes in either of these seems to do
+-+ +-+ nothing.

+-+ +-+
| | | | <---- IN: US Version 144-148 TX 440-450 TX
+-+ +-+ OUT: Extended 136-174 TX 380-470 TX (Lose auto-repeater
^ and tone encode)
|
+------------ IN: US 144-148 TX 440-450 TX
OUT: European 144-148 TX 430-440 TX

+-+
"D15"--> | | <---- IN: US Version Stock
+-+ OUT: Extended TX 136-174 380-470 (keeps auto-repeater
and tone encode)

A word of warning about messing with the four diode pads: If you detach
either one of the installed diodes, the CPU will reset and you'll lose ALL of
your memories. (found that out the hard way...) D15 doesn't seem to affect
the memories at all.

Since the 800MHz band is not available in US versions, my guess is that
there's a keyboard mod to unlock it instead of a diode. The diodes only seem
to control the country versions. If anyone has any more keyboard mods, please
post them.

Bruce KD6ALI

Name: Bill.Nadzam
E-mail: "Bill Nadzam" <nadzam@garlic.com>

Date: Tue, 13 Feb 1996 07:18:35 -0700
From: Norm Hammar <norm@cqg.cqg.com>
Subject: info on multiband qrp kit

My son and I are looking to build an HF QRP (or otherwise) transceiver
for use on 80, 40, and 15 meters. If you have information on a
relatively easy-to-build kit, please email us at norm@cqg.com.
Thanks N0DHO

Date: 14 Feb 96 07:51:00 GMT
From: POSTMASTER@MSPO1.MED.UTMB.EDU (Adminstrator)
Subject: Mail failure

FROM: Adminstrator

TO: Ham-Equip@ucsd.edu DATE: 02-14-96

TIME: 01:52

SUBJECT: Mail failure

User mail received addressed to the following unknown addresses:
UTMB/MSPO1/bdoreck

Ham-Equip Digest Tue, 13 Feb 96 Volume 96 : Issue 95

Today's Topics:
** FS : WINDOWS'95 CD UPGRADE $50 **
Advice on Icom 751
Can you explain AM on UHF?
FOR SALE -- SHURE 450 DESK MIC
FS: 2m FM Repeaters and Duplexer
FS: IF232 Kenwood interphase for PC/transceiver
FT-10 or FT-11
ft-840 mods
HT and Mobile 2 M For Sale
ICOM IC-2SAT HELP!?
ICOM IC 706 AIRBAND-Transmitter 10 Watt
IMD resistant rigs
Is there an all purpose TNC/Decoder?
Kenwood Monitor: SM-220
NEED TO's FOR AN/PRC-47
Power adjustment on the TS-440S
Remote functions of the Kenwood TM 733?
SALE - VINTAGE ELECTRONICS

STANDARD 568 CELL MOD
Standard C568 & 508 with 900 MHz Transmitting ?
UHF Repater For Sale
WANTED
Wanted manual for Microwave M Xverter
WTB -- RADIO HANDBOOK (Orr, W6SAI)
WTB: Hi-Z desk and hand mics
Yaesu FT-10 mods ??
Yaesu FT5100 or Icom 2350H

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 13 Feb 1996 19:54:45 GMT
From: HWDX09A@prodigy.com (Robert Reed)
Subject: ** FS : WINDOWS'95 CD UPGRADE $50 **

SUBJECT: ** FS : WINDOWS'95 CD UPGRADE $50 **

I have still available a few Windows '95 CD-ROM Upgrade kits.

These are new, sealed, Microsoft Windows '95 CD-ROM Upgrade
Kits received with a computer order that I don not intend to use
with the computers they were received for.

These kits include the manual, CD-ROM disk, software registration
card, and Microsoft holographic Certificate of Authenticity.

The price is $ 50.00 each shipped by 2nd Day Priority Mail.

Send a check to :

Robert Reed WB2DIN
538 Brewers Bridge Road
Jackson, New Jersey 08527

TEL : (908) 363-2724

I will be selling the remaining Kits at the LIMARC Hamfest in
Frreport, NY on 2/25 and the Absecon, NJ Hamfest on 3/2 but
cannot be certain there will be any left afterwards.

73, Bob, WB2DIN

-
ROBERT REED, WB2DIN HWDX09A@prodigy.com

538 Brewers Bridge Road
Jackson, New Jersey 08527 PACKET WB2DIN@WT3V

Date: 7 Feb 1996 04:38:10 GMT
From: wwhite@southwind.net (Wayne White)
Subject: Advice on Icom 751

Being a fairly new ham I am not as familiar with all of the HF rigs out there as I hope to become. There is a member of our club who has upgraded his station and will soon be selling an Icom 751. I would like any information or opinion on this particular radio. I am particularly interested to know if it is a good radio for CW work, if it has any known inherent inadequacies, is it too much or too little radio for one with little experience but high hopes and of course, what is an equitable price for a used 751 in good to very good shape.

Any, and all help is greatly appreciated.

73 de KB0TIJ

Date: 12 Feb 1996 23:00:43 GMT
From: Chris Hays <76703.4257@CompuServe.COM>
Subject: Can you explain AM on UHF?

That's KFI's non-delayed audio feed. They use that to
provide real time audio to the helicopters and any other
remote pickup points.

--
Chris

Date: 13 Feb 1996 18:39:30 GMT
From: QRP%mimi@magic.itg.ti.com (D W Hemphill KC5NG)
Subject: FOR SALE -- SHURE 450 DESK MIC

re: Shure 450 mic
OFFER: $25 postpaid.
E-mail me if accept.
Thanks!
Dean KC5NG
QRP%mimi@magic.itg.ti.com

Date: 13 Feb 1996 13:29:45 GMT
From: QRP%mimi@magic.itg.ti.com (D W Hemphill KC5NG)
Subject: FS: 2m FM Repeaters and Duplexer

NOTE -- I am posting this equipment for the local club.
I have nothing to do with the equipment itself
or the sale of same. Please DO NOT contact me
about this equipment! Thanks, KC5NG

2M FM REPEATER EQUIPMENT FOR SALE:

The Denton County Amateur Radio Association (W5NGU)
is offering the following 2m FM repeater equipment
for sale:

Repeaters: (two available)
RCA Series 500, model C2CK7CJATDB03Y
Base/repeater with DC remote control
150 MHz, 60/100/115 Watt
1B-8028476
equipped with SYM 860 Auto Duplex Terminal

Duplexer: (one available)
Decibel Products DB-4060-WC-A
(can be converted to "B" model for 144 MHz)

Prices are negotiable. Equipment is located in
Denton, Texas, about 35 miles north of Dallas on
Interstate 35. Equipment was donated by FEMA.

Contact: Gerald Marchant, WB5NZV
(817) 387-2314 (evenings)

Date: 12 Feb 1996 18:36:10 GMT
From: Jorma Saloranta <Jorma@salor.pp.fi>
Subject: FS: IF232 Kenwood interphase for PC/transceiver

IF232 for sale: USD 120

Jorma OH2KI
jorma@salor.pp.fi

Date: Tue, 13 Feb 1996 15:22:25 GMT
From: raider@salmon.mugu.navy.mil (Michael Raider)
Subject: FT-10 or FT-11

I'm thinking about purchasing either the FT-10 or FT-11. Anyone have
experience, good or bad, with either of these units. Having never used a
handheld, I am having a hard time understanding the advantages of one
over the other.

Thanks, Mike, KO6BC

Date: Tue, 13 Feb 1996 14:58:53 GMT
From: maury@tellabs.com (Maurice Givens)
Subject: ft-840 mods

Does anyone have mods for the Yaesau FT-840?

Thanks

==

Maurice "Maury" Givens, P.E., NCE
__|__ PP ASEL IA AGI IGI
_______(*)_______ maury@tellabs.com
Ham Radio: N9DC
CAP: 1st Lyons Composite Squadron
ILWG, Red Fox 406

I am not even sure "I" want to accept responsibility
for what I say, much less my employer.
==

Date: Thu, 08 Feb 1996 00:50:34 -0500
From: Rick Johnson <rick@halls.com>
Subject: HT and Mobile 2 M For Sale

Ht is ICOM 2AT with 3 battery packs and plug in charger...
Mobile is ICOM 280 with mic and mobile hump mount ...

Both are in good condition. I use a dual band Kenwood and not these two.
Someone can get good use of either one.

The HT batteries are not charged but the unit worked great when I
borrowed another battery pack.

Asking $ 135 for each, or best reasonable offer. Shipping negotiable.

Rick N8HUJ

Date: 14 Feb 1996 04:25:02 GMT
From: "Gary P. Fiber" <gfiber@halcyon.com>
Subject: ICOM IC-2SAT HELP!?

>1) does this radio have a tone burst for reapeter use ,if so how
>is it operated?

On the 2SAT, 1750 Hz burst could be added if the serial number was below
about 9500, also the minimum offset tuning step size needed to be 25 kHz.
Here you would need to convert the radio to a european version and install
2 SMD resisotrs. After S/N 9500 or so the offset tuning was made
adjustable and the 12.5kHz tuning step was removed, also so was the ability
to have a 1750 hz tone burst. The reason was to free enough memory in the

CPU to have the adjustable offset tuning steps rather than the original
fixed 25 khz tuning in the earlier model 2SAT radios.

>2) my radio seems to have rx 100-200 Mhz and tx 140-150Mhz
>but the disply will read 0-1300 Mhz. does this mean it can
>be made to receive from 0-1300 Mhz if so how?

The radio will actually receive from 110 to 136 aircraft A.M. and 136 to
174 Mhz F.M. Signals above or below this range are usually overloads or
images. The tuning ability never stopped in the CPU program, how ever the
VCO never had the kind of range the frequency readout would report.

Gary

Date: 11 Feb 1996 02:21:36 GMT
From: com-com@t-online.de (Anton HOLLAUS)
Subject: ICOM IC 706 AIRBAND-Transmitter 10 Watt

what must i do to transmit with the 706 with more as 0,01 Watts in the
airband. liz. ok.

vy 73

Date: 8 Feb 1996 04:12:41 GMT
From: Will Flor <willf@rrgroup.com>
Subject: IMD resistant rigs

> daniel@pandora.lugs.po.my (Daniel Wee, 9V1ZV) writes:
> Can anyone recommend a good IMD resistant rig for 2M (and
> possibly dual bander with 70cm) I noticed that Kenwood rigs
> are particularly bad. Is this a valid observation? How do
> other makes compare? Thanks.

Standard (Marantz) has always claimed excellent IMD rejection for their rigs.
As an
owner of several Standards, icluding two C5718DA 2m/70cm, I can attest to the
truth of
this claim. I live on a high hill, the very top of which is the highest
point in the
Milwaukee area. Within three miles are literally about 60 repeaters, for
everything
from 6m ham to 800 MHz public service, and everything in between. Also two
cell sites,
quite a few pager towers, several commercial broadcast towers, and a military
communications facility, complete with a camouflaged communications tower (it
gets "top
billing" as the very highest structure in the Milwaukee area, BTW.) In other
words, a
really, really IMD-prone area. I have yet to experience *any* IMD with any
of my

Standards - not even once - except on the 900 MHz band, which does get IMD from the
really-close cell site (under a mile.) Luckily, the 900 MHz miltary radar facility
that used to adorn my hill (across the street from the place with the camouflaged
tower) is now a city park, along with the Nike missile launching facility at the
hill's bottom. I can only shudder to think of the interference *that* would cause.

73 de KB9JTT
-Will from Wisconsin
willf@rrgroup.com

Date: 13 Feb 1996 18:51:46 -0500
From: rickcrider@aol.com (RICKCRIDER)
Subject: Is there an all purpose TNC/Decoder?

Been a ham for several years......though yet to venture into packet. I'm terribly confused as to what TNC to buy. I won't say that money is no object, but, rather than buy several pieces of gear, I'd rather spend on the 'right stuff'. I would like a unit that would handle regular ham type packet, as well as decode other data transmissions, such as pagers, both digital and alphanumeric, DTMF tones, and other various data transmissions that may be occupying the airwaves here about the premises. Is there such an animal? If not, what various pieces of seperate equipment would one need. All help appreciated.
Cordially:
Rick Crider
KD4FXA
Monroe NC

Date: Mon, 12 Feb 1996 15:38:11 -0500
From: mwhite@mitre.org (Michael White)
Subject: Kenwood Monitor: SM-220

Hugh Catlett wrote:

> SM-220 was made to be used with at least the Kenwood 830.

The SM-220 alone is simply a station monitor, without any panadapter functions. An additional circuit board is required to use it as a panadapter. There two such boards: the BS-5 and the BS-8. The BS-5 is for use with the Kenwood 500 series HF xcvrs, like the TS-520. The BS-8 is for later transceivers with 8.83 MHz IF.

Mike, N4PDY

--
mwhite@mitre.org

My opinions are my own, not my employer's.

Date: 13 Feb 1996 10:38:12 -0500
From: jhuff@wrdis01.robins.af.mil (11 John Huff)
Subject: NEED TO's FOR AN/PRC-47

DOES ANYONE HAVE THE NEW CORDLESS AND ENTERTAINMENT 900mHZ FREQS? IF SO, WOULD YOU PLEASE POST THEM HERE. I'm new to this posting, so please excuse the goofs I make.

Thanks, John

Date: 7 Feb 1996 08:52:04 GMT
From: Danie Brynard <danie.brynard@pixie.co.za>
Subject: Power adjustment on the TS-440S

I also had a TS440S. I agree you cannot vary the SSB output power on a TS440S except by controling the ALC voltage at the back of the radio. I built myself a little box for controling the ALC when I still had the 440, used it for QRP on HF.

The mic gain is a very unreliable and non-linear way of controlling the 'rf' power. It is not meant for that. Try using the mic gain when driving a 10mW transverter !

I went thru this whole story years ago - don't waste time with the mic gain control.

I now have a ts690s: kenwood decided to implement a rf output control on it, it works wonderful. Why have they decided to do it ? Make up your own mind.

73 Danie zs6awk

Date: 14 Feb 96 07:03:54 GMT
From: a0378@freenet.uni-bayreuth.DE (Karl-Heinz Merscher)
Subject: Remote functions of the Kenwood TM 733?

Hi:

Could anybody explain the remote functions of the Kenwood TM 733?? What is possible with the remote controll?

Thanks in advance!

73

DL6RDE/AA1KD, Charlie

Date: 13 Feb 1996 16:50:32 GMT
From: "C. L. Kasten" <102632.1477@CompuServe.COM>
Subject: SALE - VINTAGE ELECTRONICS

VINTAGE ELECTRONICS SALE - Radio and TV parts, vacuum tubes, capacitors, resistors, test equipment and chassis assemblies dating from the 1940's to the 1970's. All items will be sold AS IS.

Sale to be held from 0800 to 1600 on March 16/17, 1996 in Garden Grove, CA. For location or other information, E-mail C. L. Kasten at: 102632.1477@compuserve.com

---

Date: 8 Feb 1996 03:49:52 GMT
From: Will Flor <willf@rrgroup.com>
Subject: STANDARD 568 CELL MOD

"Guenter Koellner (DL4MEA)" <DL4MEA@AMSAT.ORG> wrote:
>
>Instructions for the C568A cell restore modification:
>

Any idea how to do a similar mod for the C5718DA?

Date: 11 Feb 1996 02:26:46 GMT
From: com-com@t-online.de (Anton HOLLAUS)
Subject: Standard C568 & 508 with 900 MHz Transmitting ?

C 568 is receiving on 900 Mhz , also the new 508.
Why not transmit? In the Airband bring both transceiver the full power !

vy 73

Date: Sun, 11 Feb 1996 07:57:49 GMT
From: Ken Yu <ak165@lafn.org>
Subject: UHF Repater For Sale

>This Repeater is modified from 100 watts Motorola Micor standard/wide-
>space mobile radio. It have internal volume, sql control, one channel
>element, rx/tx antenna port and interface cable with B+/B-, PTT, COS,
>audio/in, audio/out. All repeater will tested and pre-tune to
>442.000/in, 447.000/out.(x,tal not inculded)I will provide the x'tal
>vendor information for your reference. Asking $225 I pay shipping
>anywhere US. Please contact me via e-mail or call 1-818-288-9728
>** ken or John**

Date: 13 Feb 96 17:31:44
From: rusty@diakonos.iafrica.com (Rusty Lotter)
Subject: WANTED

Has anyone a used CW Electronic Keyer or even just the Paddle, for Sale?

Please respond: rusty@diakonos.iaccess.za
ZS1WQ @ ZR1LSK.SCP.ZAF.AF
+27(441)711534 Ph/Fax

--
|FMLYNET: Rusty Lotter 8:79/0
|Internet: rusty@diakonos.iafrica.com
|
| Standard disclaimer: The views of this user are strictly his own.
| FMLYNET SA <> INTERNET GATEWAY at Diakonos BBS

Date: 12 Feb 1996 22:47:05 GMT
From: little@pecan.enet.dec.com (Todd Little)
Subject: Wanted manual for Microwave M Xverter

In article <1996Feb9.192433.13164@ke4zv.atl.ga.us>
gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

> In article <4fe8em$50n@news.cis.okstate.edu> Gordon Couger
<gcouger@master.ceat.okstate.edu> writes:
>>I have Microwave Modules 144 MHz linear transverter SN# 18829xx. It appears
>>to have ben made in 1988. I need the manuals or at least the power input
>>on ten meters.
>
> 5 mW.

The manual for mine (which is a little older based upon the schematics)
says that the small preset pot on the main circuit board half-way along
the side remote from the PA compartment allows adjustment of drive
level from 5 mW to 750 mW. Additionally, if you have less drive than
that, there are two pins near the pot that can be shorted together
to increase the transmit sensitivity to 0.1 mW to 15 mW.

My manual says the pot comes preset to a 500 mW drive level.

Adjustment is to apply a 28 MHz carrier and adjust the pot until the
transverter just draws maximum DC current. Nothing like maximum smoke
procedures. ;-)

73,
Todd
N9MWB

Date: 6 Feb 96 22:52:41 CST
From: Bill <debral@falcon.cc.ukans.edu>

Subject: WTB -- RADIO HANDBOOK (Orr, W6SAI)

Looking for the following amateur radio related book:

RADIO HANDBOOK
by William Orr, W6SAI
22nd Edition 1981
Howard W. Sams & Co

Prefer "mint" condition with no markings, underlining, dog ears, etc.

73s

Bill
AA4FM/0

Date: 13 Feb 1996 13:37:07 GMT
From: QRP%mimi@magic.itg.ti.com (D W Hemphill KC5NG)
Subject: WTB: Hi-Z desk and hand mics

WANTED: High-impedance ceramic microphones...

a) Desk mic: Heathkit (or the E-V equivalent),
Shure 444, or similar.

b) Hand mic: Heathkit, Shure 404-C, or similar.

What do you have and how much do you want for it?
Contact me via e-mail or telephone. 73!

Dean Hemphill, KC5NG
QRP%mimi@magic.itg.ti.com
(817) 497-5365

Date: 14 Feb 96 03:39:02 GMT
From: acubel@alfa.adinet.COM.UY (Alejandro Cubel)
Subject: Yaesu FT-10 mods ??

Can anyone tell me how to extend the tx and rx frecuency range on the Yaesu
FT 10 handheld ??
Thanks.
Saludos de:
Dr Alejandro Cubel (CX9BBL)
Montevideo
Uruguay

Date: Sat, 10 Feb 96 22:55:21 -0400
From: bobp@cais.com (Robert A. Plamondon)
Subject: Yaesu FT5100 or Icom 2350H

In <4fgoe6$n9g@newsbf02.news.aol.com>, Toast writes:
>Need info or comparison of these two radios. (which is best)
>
>Please reply to: toast@best.com or toast@aol.com

I can only tell you that I own an FT-5100 for 2 years now and
it has been an outstanding radio. I had the expanded receive
mod done and that has worked out well too. We have quite a few
hams here in Northern Virginia that use that radio and I have
yet to hear a problem with it.

Good luck with whatever you do.

73, KE4HCX/Bob

End of Ham-Equip Digest V96 #95
****

Date: 6 Feb 1996 13:29:07 -0500
From: ed@fore.com (Ed Bathgate)
Subject: Transmitter fingerprinting (was Re: 82 Repeater in Kansas City)

>This is one of the weaknesses of the system, another is changing the
>rig, or swapping a couple of components in the tx (changing some of
>the resistors/caps is usually enough).

>For example, the claim that each and every radio
>is uniquely identifiable, even radios of the same model and production
>run. Granted, variation in component values will result in slightly
>different PLL characteristics, but I have yet to see any evidence that
>suggests that the resulting fingerprint varies enough to be considered
>"unique".

Ok, here is more variables in the system, voltage, SWR, reactance, impedance?

One of my rigs is an HTX-202 (like 10,000) others out there. What do you
think would happen to the fingerprint if I ran on batterys, weak batterys,
12v from the car, on 13.8 with a smidge of ac ripple? Hi power,
low power, an antenna with high swr? Duck? An antenna with a capacitor in
series, started to tx while holding the antenna with my hand then releasing
it? When the radio is cold?

I would think that the fingerprints would be quite unstable unless you always
used the same exact antenna, voltage, temp, location...

I think that only permitting signals that had a matching fingerprint as
opposed to letting all signals except x,y,z would work better.

Ed N3SDO

End of Ham-Equip Digest V96 #96
****

Date: 6 Feb 1996 01:47:42 GMT
From: kb7et@usa.pipeline.com (Jim Sheffield)
Subject: Need D104 schematic

Hello:

I just acquired a D104 microphone with the amplified
stand. I want to use it with Kenwood HF gear, 4-pin
plug. Can anyone help me with the schematic and
wiring diagram? Please mail or better yet fax it to me.
The fax number is 512-328-2966. Please e-mail if you
need address. Thanks a milllion.

73,
Jim, KB7ET
kb7et@usa.pipeline.com

Date: 12 Feb 1996 15:04:55 GMT
From: Lerxt / ToxicTuna <jrerlewe@mtu.edu>
Subject: NEEDED: Yaesu FT-530 Mods...

hi there.
Please send any mods you can find for the FT-530 Yaesu Dual Bander to
jrerlewe@mtu.edu

I really need mods, especially to open transmit on 155 band, as a local freq.
here in that range occasionally requires my presence, and i hate carrying
around
two HT's hihi.
Thanx very much=-
Joe, N8OUZ
jrerlewe@mtu.edu
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ooO--(_)--Ooo-------========+ Joseph R. Erlewein +=========------__U_/-------
+----------------------+---+
| jrerlewe@mtu.edu | N8OUZ@W8YY.#UPMI.MI.USA.NOAM Voice (906)-487-0135 |
| Lerxst7@aol.com | Packet 145.01MHz, Voice 146.88, 146.58MHz Houghton |
| ae840@traverse.lib.mi.us -------- Michigan Technological University |
| toxic.tuna@aliens.com | N8OUZ | WWW: http://www.civil.mtu.edu/~jrerlewe |

+---

Date: Tue, 6 Feb 1996 03:49:51 GMT
From: aubert@netcom.com (Dante Aubert)
Subject: UNIDEN MR 8100 (800MHz Unlock Code)

How do I enter that in? Via the software control?
Matthew Zilmer (zilmer@bigtop.dt.wdc.com) wrote:
: In <4eeo15$rhi@server2.ols.net> Andy Brinkley <brinkley@ols.net> writes:

: >richard@koyote.com (Warez House) wrote:
: >>Do you have the unlock code for the 800MHz coverage......
: >>(IF SO, EMAIL ME)
: >>richard@koyote.com
: >>Richard
: >>
: >>
: >If my memory serves me correctly, the unlock code was either ECPA or ECPA87
: >- a definite slap at the Electronic Communication Privacy Act.

: >Hope this has helped

: >73

: >Andy N4ROX

: Actually, it is ECPA1986.

: Matt Zilmer, WA6EGJ
: --
: Matt Zilmer, WA6EGJ Connectivity Systems Group
: CIS 71151,3236 Systems Simulation Dept.
: wa6egj@wa6egj.ampr.org, 44.18.0.66 Western Digital Corp.
: zilmer@dt.wdc.com, mzilmer@advradio.com Irvine, CA. 714-932-5118
--
Dante

End of Ham-Equip Digest V96 #97
****

2308. FS: Power Supply & VLF Convertor

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-14 00:00:00 UTC
From: "Steven A. Bailey" <bailey@skipjack.net>
Message-ID: <4fredh$q7c@shore4.intercom.net>
Source record: 205625

I have the following items for sale:

1. Astron 20-A linear power supply. 16 Amps continuous.
13.8 VDC. $75

2. Datong VLF Convertor...converts incoming VLF signals
to frequencies 28 Mhz or higher...For easy tuning on
normal communications receivers. $50

All the above items work perfectly...I believe these are fair
prices, so you pay shipping.

Steve

2309. FS: FT727R Dual Band HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-14 00:00:00 UTC
From: etac@aloha.net
Message-ID: <4fsclg$iuv@nuhou.aloha.net>
Source record: 205626

email: etac@aloha.net
Hi;
I have two ht's only need one!
I would like to sell my Yeasu dual band (vhf/uhf) HT
it has: Dual band antenna
AA battery case
NICAD BAttery
Hard stand charger/power base (5watt)

Asking 200 (not including shipping)

Thanks N0ODC/KH6

2310. F.S. Icom Battery Charger BC-72 and Battery Packs. DFW area only.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-14 00:00:00 UTC
From: mercury@metronet.com
Message-ID: <31220E48.645@metronet.com>
Source record: 205627

Icom BC-72 charger for the BP-80 series batteries. The batteries work
on the SAT and W2 series radios. I also have one BP-84 high current battery
and two BP-90 battery packs for sale.

I'm looking for $110 for the whole package. Will consider cash and or trade.

If interested, reply here or on the 146.88 in Dallas.

My call is N6MIT

Charles

2311. QRP adjustments on current HF rigs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-14 00:00:00 UTC
From: "Gregory J. Buhyoff" <buhyoff@vt.edu>
Message-ID: <4fsl4k$m0j@solaris.cc.vt.edu>
Source record: 205628

I would appreciate any information about current HF rigs which have the capability to adjust the output power down to 5 watts using the front panel power control or which can be easily adjusted to the 5 watt level using an internal pot. I think the FT 840 can be adjusted to this level using the front panel control.
Thanks,
Greg
KN4FR

2312. Mail failure

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-14 00:00:00 UTC
From: POSTMASTER@MSPO1.MED.UTMB.EDU
Message-ID: <199602140756.XAA06294@UCSD.EDU>
Source record: 205629

FROM: Adminstrator
TO: Ham-Equip@ucsd.edu DATE: 02-14-96
TIME: 01:52
SUBJECT: Mail failure

User mail received addressed to the following unknown addresses:
UTMB/MSPO1/bdoreck

Ham-Equip Digest Tue, 13 Feb 96 Volume 96 : Issue 95

Today's Topics:
** FS : WINDOWS'95 CD UPGRADE $50 **
Advice on Icom 751
Can you explain AM on UHF?
FOR SALE -- SHURE 450 DESK MIC
FS: 2m FM Repeaters and Duplexer
FS: IF232 Kenwood interphase for PC/transceiver
FT-10 or FT-11
ft-840 mods
HT and Mobile 2 M For Sale
ICOM IC-2SAT HELP!?
ICOM IC 706 AIRBAND-Transmitter 10 Watt
IMD resistant rigs
Is there an all purpose TNC/Decoder?
Kenwood Monitor: SM-220
NEED TO's FOR AN/PRC-47
Power adjustment on the TS-440S
Remote functions of the Kenwood TM 733?
SALE - VINTAGE ELECTRONICS
STANDARD 568 CELL MOD
Standard C568 & 508 with 900 MHz Transmitting ?
UHF Repater For Sale
WANTED
Wanted manual for Microwave M Xverter
WTB -- RADIO HANDBOOK (Orr, W6SAI)
WTB: Hi-Z desk and hand mics
Yaesu FT-10 mods ??
Yaesu FT5100 or Icom 2350H

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 13 Feb 1996 19:54:45 GMT
From: HWDX09A@prodigy.com (Robert Reed)
Subject: ** FS : WINDOWS'95 CD UPGRADE $50 **

SUBJECT: ** FS : WINDOWS'95 CD UPGRADE $50 **

I have still available a few Windows '95 CD-ROM Upgrade kits.

These are new, sealed, Microsoft Windows '95 CD-ROM Upgrade
Kits received with a computer order that I don not intend to use
with the computers they were received for.

These kits include the manual, CD-ROM disk, software registration
card, and Microsoft holographic Certificate of Authenticity.

The price is $ 50.00 each shipped by 2nd Day Priority Mail.

Send a check to :

Robert Reed WB2DIN
538 Brewers Bridge Road
Jackson, New Jersey 08527

TEL : (908) 363-2724

I will be selling the remaining Kits at the LIMARC Hamfest in
Frreport, NY on 2/25 and the Absecon, NJ Hamfest on 3/2 but
cannot be certain there will be any left afterwards.

73, Bob, WB2DIN

-
ROBERT REED, WB2DIN HWDX09A@prodigy.com
538 Brewers Bridge Road
Jackson, New Jersey 08527 PACKET WB2DIN@WT3V

Date: 7 Feb 1996 04:38:10 GMT
From: wwhite@southwind.net (Wayne White)
Subject: Advice on Icom 751

Being a fairly new ham I am not as familiar with all of the HF rigs out
there as I hope to become. There is a member of our club who has upgraded
his station and will soon be selling an Icom 751. I would like any
information or opinion on this particular radio. I am particularly
interested to know if it is a good radio for CW work, if it has any known
inherent inadequacies, is it too much or too little radio for one with

little experience but high hopes and of course, what is an equitable
price for a used 751 in good to very good shape.

Any, and all help is greatly appreciated.

73 de KB0TIJ

Date: 12 Feb 1996 23:00:43 GMT
From: Chris Hays <76703.4257@CompuServe.COM>
Subject: Can you explain AM on UHF?

That's KFI's non-delayed audio feed. They use that to
provide real time audio to the helicopters and any other
remote pickup points.

--
Chris

Date: 13 Feb 1996 18:39:30 GMT
From: QRP%mimi@magic.itg.ti.com (D W Hemphill KC5NG)
Subject: FOR SALE -- SHURE 450 DESK MIC

re: Shure 450 mic
OFFER: $25 postpaid.
E-mail me if accept.
Thanks!
Dean KC5NG
QRP%mimi@magic.itg.ti.com

Date: 13 Feb 1996 13:29:45 GMT
From: QRP%mimi@magic.itg.ti.com (D W Hemphill KC5NG)
Subject: FS: 2m FM Repeaters and Duplexer

NOTE -- I am posting this equipment for the local club.
I have nothing to do with the equipment itself
or the sale of same. Please DO NOT contact me
about this equipment! Thanks, KC5NG

2M FM REPEATER EQUIPMENT FOR SALE:

The Denton County Amateur Radio Association (W5NGU)
is offering the following 2m FM repeater equipment
for sale:

Repeaters: (two available)
RCA Series 500, model C2CK7CJATDB03Y
Base/repeater with DC remote control

150 MHz, 60/100/115 Watt
1B-8028476
equipped with SYM 860 Auto Duplex Terminal

Duplexer: (one available)
Decibel Products DB-4060-WC-A
(can be converted to "B" model for 144 MHz)

Prices are negotiable. Equipment is located in
Denton, Texas, about 35 miles north of Dallas on
Interstate 35. Equipment was donated by FEMA.

Contact: Gerald Marchant, WB5NZV
(817) 387-2314 (evenings)

Date: 12 Feb 1996 18:36:10 GMT
From: Jorma Saloranta <Jorma@salor.pp.fi>
Subject: FS: IF232 Kenwood interphase for PC/transceiver

IF232 for sale: USD 120

Jorma OH2KI
jorma@salor.pp.fi

Date: Tue, 13 Feb 1996 15:22:25 GMT
From: raider@salmon.mugu.navy.mil (Michael Raider)
Subject: FT-10 or FT-11

I'm thinking about purchasing either the FT-10 or FT-11. Anyone have
experience, good or bad, with either of these units. Having never used a
handheld, I am having a hard time understanding the advantages of one
over the other.

Thanks, Mike, KO6BC

Date: Tue, 13 Feb 1996 14:58:53 GMT
From: maury@tellabs.com (Maurice Givens)
Subject: ft-840 mods

Does anyone have mods for the Yaesau FT-840?

Thanks

==========

Maurice "Maury" Givens, P.E., NCE
__|__ PP ASEL IA AGI IGI
________(*)________ maury@tellabs.com

Ham Radio: N9DC
CAP: 1st Lyons Composite Squadron
ILWG, Red Fox 406

I am not even sure "I" want to accept responsibility
for what I say, much less my employer.
==========

Date: Thu, 08 Feb 1996 00:50:34 -0500
From: Rick Johnson <rick@halls.com>
Subject: HT and Mobile 2 M For Sale

Ht is ICOM 2AT with 3 battery packs and plug in charger...
Mobile is ICOM 280 with mic and mobile hump mount ...

Both are in good condition. I use a dual band Kenwood and not these two.
Someone can get good use of either one.

The HT batteries are not charged but the unit worked great when I
borrowed another battery pack.

Asking $ 135 for each, or best reasonable offer. Shipping negotiable.

Rick N8HUJ

Date: 14 Feb 1996 04:25:02 GMT
From: "Gary P. Fiber" <gfiber@halcyon.com>
Subject: ICOM IC-2SAT HELP!?

>1) does this radio have a tone burst for reapeter use ,if so how
>is it operated?

On the 2SAT, 1750 Hz burst could be added if the serial number was below
about 9500, also the minimum offset tuning step size needed to be 25 kHz.
Here you would need to convert the radio to a european version and install
2 SMD resisotrs. After S/N 9500 or so the offset tuning was made
adjustable and the 12.5kHz tuning step was removed, also so was the ability
to have a 1750 hz tone burst. The reason was to free enough memory in the
CPU to have the adjustable offset tuning steps rather than the original
fixed 25 khz tuning in the earlier model 2SAT radios.

>2) my radio seems to have rx 100-200 Mhz and tx 140-150Mhz
>but the disply will read 0-1300 Mhz. does this mean it can
>be made to receive from 0-1300 Mhz if so how?

The radio will actually receive from 110 to 136 aircraft A.M. and 136 to
174 Mhz F.M. Signals above or below this range are usually overloads or
images. The tuning ability never stopped in the CPU program, how ever the
VCO never had the kind of range the frequency readout would report.

Gary

Date: 11 Feb 1996 02:21:36 GMT
From: com-com@t-online.de (Anton HOLLAUS)
Subject: ICOM IC 706 AIRBAND-Transmitter 10 Watt

what must i do to transmit with the 706 with more as 0,01 Watts in the
airband. liz. ok.

vy 73

Date: 8 Feb 1996 04:12:41 GMT
From: Will Flor <willf@rrgroup.com>
Subject: IMD resistant rigs

> daniel@pandora.lugs.po.my (Daniel Wee, 9V1ZV) writes:
> Can anyone recommend a good IMD resistant rig for 2M (and
> possibly dual bander with 70cm) I noticed that Kenwood rigs
> are particularly bad. Is this a valid observation? How do
> other makes compare? Thanks.

Standard (Marantz) has always claimed excellent IMD rejection for their rigs.
As an
owner of several Standards, icluding two C5718DA 2m/70cm, I can attest to the
truth of
this claim. I live on a high hill, the very top of which is the highest
point in the
Milwaukee area. Within three miles are literally about 60 repeaters, for
everything
from 6m ham to 800 MHz public service, and everything in between. Also two
cell sites,
quite a few pager towers, several commercial broadcast towers, and a military
communications facility, complete with a camouflaged communications tower (it
gets "top
billing" as the very highest structure in the Milwaukee area, BTW.) In other
words, a
really, really IMD-prone area. I have yet to experience *any* IMD with any
of my
Standards - not even once - except on the 900 MHz band, which does get IMD
from the
really-close cell site (under a mile.) Luckily, the 900 MHz miltary radar
facility
that used to adorn my hill (across the street from the place with the
camouflaged
tower) is now a city park, along with the Nike missile launching facility at
the
hill's bottom. I can only shudder to think of the interference *that* would
cause.

73 de KB9JTT
-Will from Wisconsin
willf@rrgroup.com

Date: 13 Feb 1996 18:51:46 -0500
From: rickcrider@aol.com (RICKCRIDER)
Subject: Is there an all purpose TNC/Decoder?

Been a ham for several years......though yet to venture into packet. I'm terribly confused as to what TNC to buy. I won't say that money is no object, but, rather than buy several pieces of gear, I'd rather spend on the 'right stuff'. I would like a unit that would handle regular ham type packet, as well as decode other data transmissions, such as pagers, both digital and alphanumeric, DTMF tones, and other various data transmissions that may be occupying the airwaves here about the premises. Is there such an animal? If not, what various pieces of seperate equipment would one need. All help appreciated.
Cordially:
Rick Crider
KD4FXA
Monroe NC

Date: Mon, 12 Feb 1996 15:38:11 -0500
From: mwhite@mitre.org (Michael White)
Subject: Kenwood Monitor: SM-220

Hugh Catlett wrote:

> SM-220 was made to be used with at least the Kenwood 830.

The SM-220 alone is simply a station monitor, without any panadapter functions. An additional circuit board is required to use it as a panadapter. There two such boards: the BS-5 and the BS-8. The BS-5 is for use with the Kenwood 500 series HF xcvrs, like the TS-520. The BS-8 is for later transceivers with 8.83 MHz IF.

Mike, N4PDY

--
mwhite@mitre.org

My opinions are my own, not my employer's.

Date: 13 Feb 1996 10:38:12 -0500
From: jhuff@wrdis01.robins.af.mil (11 John Huff)
Subject: NEED TO's FOR AN/PRC-47

DOES ANYONE HAVE THE NEW CORDLESS AND ENTERTAINMENT 900mHZ FREQS? IF SO, WOULD YOU PLEASE POST THEM HERE. I'm new to this posting, so please excuse the goofs I make.

Thanks, John

Date: 7 Feb 1996 08:52:04 GMT
From: Danie Brynard <danie.brynard@pixie.co.za>
Subject: Power adjustment on the TS-440S

I also had a TS440S. I agree you cannot vary the SSB output power on a TS440S except by controling the ALC voltage at the back of the radio. I built myself a little box for controling the ALC when I still had the 440, used it for QRP on HF.

The mic gain is a very unreliable and non-linear way of controlling the 'rf' power. It is not meant for that. Try using the mic gain when driving a 10mW transverter !

I went thru this whole story years ago - don't waste time with the mic gain control.

I now have a ts690s: kenwood decided to implement a rf output control on it, it works wonderful. Why have they decided to do it ? Make up your own mind.

73 Danie zs6awk

Date: 14 Feb 96 07:03:54 GMT
From: a0378@freenet.uni-bayreuth.DE (Karl-Heinz Merscher)
Subject: Remote functions of the Kenwood TM 733?

Hi:

Could anybody explain the remote functions of the Kenwood TM 733?? What is possible with the remote controll?

Thanks in advance!

73

DL6RDE/AA1KD, Charlie

Date: 13 Feb 1996 16:50:32 GMT
From: "C. L. Kasten" <102632.1477@CompuServe.COM>
Subject: SALE - VINTAGE ELECTRONICS

VINTAGE ELECTRONICS SALE - Radio and TV parts, vacuum tubes, capacitors, resistors, test equipment and chassis assemblies dating from the 1940's to the 1970's. All items will be sold AS IS.

Sale to be held from 0800 to 1600 on March 16/17, 1996 in Garden Grove, CA. For location or other information, E-mail C. L. Kasten at: 102632.1477@compuserve.com

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Date: 8 Feb 1996 03:49:52 GMT
From: Will Flor <willf@rrgroup.com>
Subject: STANDARD 568 CELL MOD

"Guenter Koellner (DL4MEA)" <DL4MEA@AMSAT.ORG> wrote:
>
>Instructions for the C568A cell restore modification:
>

Any idea how to do a similar mod for the C5718DA?

Date: 11 Feb 1996 02:26:46 GMT
From: com-com@t-online.de (Anton HOLLAUS)
Subject: Standard C568 & 508 with 900 MHz Transmitting ?

C 568 is receiving on 900 Mhz , also the new 508.
Why not transmit? In the Airband bring both transceiver the full power !

vy 73

Date: Sun, 11 Feb 1996 07:57:49 GMT
From: Ken Yu <ak165@lafn.org>
Subject: UHF Repater For Sale

>This Repeater is modified from 100 watts Motorola Micor standard/wide-
>space mobile radio. It have internal volume, sql control, one channel
>element, rx/tx antenna port and interface cable with B+/B-, PTT, COS,
>audio/in, audio/out. All repeater will tested and pre-tune to
>442.000/in, 447.000/out.(x,tal not inculded)I will provide the x'tal
>vendor information for your reference. Asking $225 I pay shipping
>anywhere US. Please contact me via e-mail or call 1-818-288-9728
>** ken or John**

Date: 13 Feb 96 17:31:44
From: rusty@diakonos.iafrica.com (Rusty Lotter)
Subject: WANTED

Has anyone a used CW Electronic Keyer or even just the Paddle, for Sale?

Please respond: rusty@diakonos.iaccess.za
ZS1WQ @ ZR1LSK.SCP.ZAF.AF
+27(441)711534 Ph/Fax

--
|FMLYNET: Rusty Lotter 8:79/0
|Internet: rusty@diakonos.iafrica.com
|
| Standard disclaimer: The views of this user are strictly his own.
| FMLYNET SA <> INTERNET GATEWAY at Diakonos BBS

Date: 12 Feb 1996 22:47:05 GMT
From: little@pecan.enet.dec.com (Todd Little)
Subject: Wanted manual for Microwave M Xverter

In article <1996Feb9.192433.13164@ke4zv.atl.ga.us>
gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

> In article <4fe8em$50n@news.cis.okstate.edu> Gordon Couger
<gcouger@master.ceat.okstate.edu> writes:
>>I have Microwave Modules 144 MHz linear transverter SN# 18829xx. It appears
>>to have ben made in 1988. I need the manuals or at least the power input
>>on ten meters.
>
> 5 mW.

The manual for mine (which is a little older based upon the schematics)
says that the small preset pot on the main circuit board half-way along
the side remote from the PA compartment allows adjustment of drive
level from 5 mW to 750 mW. Additionally, if you have less drive than
that, there are two pins near the pot that can be shorted together
to increase the transmit sensitivity to 0.1 mW to 15 mW.

My manual says the pot comes preset to a 500 mW drive level.

Adjustment is to apply a 28 MHz carrier and adjust the pot until the
transverter just draws maximum DC current. Nothing like maximum smoke
procedures. ;-)

73,
Todd
N9MWB

Date: 6 Feb 96 22:52:41 CST
From: Bill <debral@falcon.cc.ukans.edu>
Subject: WTB -- RADIO HANDBOOK (Orr, W6SAI)

Looking for the following amateur radio related book:

RADIO HANDBOOK
by William Orr, W6SAI
22nd Edition 1981
Howard W. Sams & Co

Prefer "mint" condition with no markings, underlining, dog ears, etc.

73s

Bill
AA4FM/0

Date: 13 Feb 1996 13:37:07 GMT
From: QRP%mimi@magic.itg.ti.com (D W Hemphill KC5NG)
Subject: WTB: Hi-Z desk and hand mics

WANTED: High-impedance ceramic microphones...

a) Desk mic: Heathkit (or the E-V equivalent),
Shure 444, or similar.

b) Hand mic: Heathkit, Shure 404-C, or similar.

What do you have and how much do you want for it?
Contact me via e-mail or telephone. 73!

Dean Hemphill, KC5NG
QRP%mimi@magic.itg.ti.com
(817) 497-5365

Date: 14 Feb 96 03:39:02 GMT
From: acubel@alfa.adinet.COM.UY (Alejandro Cubel)
Subject: Yaesu FT-10 mods ??

Can anyone tell me how to extend the tx and rx frecuency range on the Yaesu
FT 10 handheld ??
Thanks.
Saludos de:
Dr Alejandro Cubel (CX9BBL)
Montevideo
Uruguay

Date: Sat, 10 Feb 96 22:55:21 -0400
From: bobp@cais.com (Robert A. Plamondon)
Subject: Yaesu FT5100 or Icom 2350H

In <4fgoe6$n9g@newsbf02.news.aol.com>, Toast writes:
>Need info or comparison of these two radios. (which is best)
>
>Please reply to: toast@best.com or toast@aol.com

I can only tell you that I own an FT-5100 for 2 years now and
it has been an outstanding radio. I had the expanded receive
mod done and that has worked out well too. We have quite a few
hams here in Northern Virginia that use that radio and I have
yet to hear a problem with it.

Good luck with whatever you do.

73, KE4HCX/Bob

End of Ham-Equip Digest V96 #95
****

2313. Alinco DX - 70T

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-14 00:00:00 UTC
From: hamradio@camalott.com
Message-ID: <4fsvi8$6ln@news.innet.com>
Source record: 205630

Is anyone using the Alinco DX - 70T and if so, what is your opinion of the radio. Thanks, KC5OQE

2314. WTB: BROWN BRO PADDLES.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-14 00:00:00 UTC
From: kovar@zeus.ia.net
Message-ID: <4frafj$62o@hera.ia.net>
Source record: 205691

Jack
Ke0ax@ia.net

2315. Sale:Optoelectronics R-10 Intercepter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-14 00:00:00 UTC
From: mfunaro@dsmnet.com
Message-ID: <4frhfk$3i2@dsm6.dsmnet.com>
Source record: 205692

I have a mint Optoelectronics R-10 FM Communications Intercepter.
Picks up any nearby FM signal from 30 mhz to 2.2 ghz. $300.
I also have 3 filters BLP70, BHP800, N100. $50 for all three.
If you have any questions please email me or call 515-961-6140.
73, Mike WA0SWJ
mfunaro@dsmnet.com

2316. Re: ICOM IC-2SAT HELP!?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-14 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <4fro6u$gob@news.halcyon.com>
Source record: 205693
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,uk.radio.amateur

>1) does this radio have a tone burst for reapeter use ,if so how
>is it operated?

On the 2SAT, 1750 Hz burst could be added if the serial number was below about 9500, also the minimum offset tuning step size needed to be 25 kHz. Here you would need to convert the radio to a european version and install 2 SMD resisotrs. After S/N 9500 or so the offset tuning was made adjustable and the 12.5kHz tuning step was removed, also so was the ability to have a 1750 hz tone burst. The reason was to free enough memory in the CPU to have the adjustable offset tuning steps rather than the original fixed 25 khz tuning in the earlier model 2SAT radios.

>2) my radio seems to have rx 100-200 Mhz and tx 140-150Mhz
>but the disply will read 0-1300 Mhz. does this mean it can
>be made to receive from 0-1300 Mhz if so how?

The radio will actually receive from 110 to 136 aircraft A.M. and 136 to 174 Mhz F.M. Signals above or below this range are usually overloads or images. The tuning ability never stopped in the CPU program, how ever the VCO never had the kind of range the frequency readout would report.

Gary

2317. Re: MODS NEEDED- Yaesu FT-530, FT-2500M

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-14 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4frola$12bo@news.ccit.arizona.edu>
Source record: 205694

jrerlewe@mtu.edu (Lerxst) writes:
>Text:Hi.
>i need mods (to transmit on about 155MHz) for both the FT-530 and FT-2500M
>Yaesu Rigs, as a local public freq i use needs me and i hate carrying
>around all these radios! hihi= Anyway, also any other mods would be nice too-
>tnx, 73
>joe, n8ouz

Well Joe, you can find all sorts of info on mods at the following FTP site:
oak.oakland.edu/pub/hamradio/mods/yaesu

Of course, it is unlawfull to actually do what you want to do. I'm often asked to do such mods by friends and friends of friends. I believe in the "Just Say No" policy.

Chris

2318. Yaesu FT-10 mods ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-14 00:00:00 UTC
From: acubel@alfa.adinet.COM.UY
Message-ID: <199602140339.TAA01879@adinet.com.uy>
Source record: 205695

Can anyone tell me how to extend the tx and rx frecuency range on the Yaesu
FT 10 handheld ??
Thanks.
Saludos de:
Dr Alejandro Cubel (CX9BBL)
Montevideo
Uruguay

2319. FT 840 power adjustment question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-14 00:00:00 UTC
From: "Gregory J. Buhyoff" <buhyoff@vt.edu>
Message-ID: <4fslc8$m0j@solaris.cc.vt.edu>
Source record: 205696

Can the FT 840 be easily adjusted to the 5 watt power output level using the front panel power control or can it be adjusted (easily) to this QRP level using an internal pot? Does anyone have experience with this? I would most appreciative of any information. I would like to use the FT 840 with a Ten-Tec 6 mtr transverter.
Thanks and 73,
Greg KN4FR

2320. icom u16 ...data interchange program needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-14 00:00:00 UTC
From: greg36@ix.netcom.com
Message-ID: <4fsqhj$rlr@ixnews6.ix.netcom.com>
Source record: 205697

Does anyone out there have any information on down loading and up loading the icom u16 data stream. I would be nice to off load the u16 data to a computer, change the data and then up load again or upload another set of data.
I have done some examination of this data stream but have not made much since of it. Rather than reinventing the wheel, I thought that I might take advantage of the collective wisdom of the net.

best regards,
greg

2321. Re: IC-2000 microphone connector FAQ (here it is!)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-14 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <4ft12n$qjp@abyss.West.Sun.COM>
Source record: 205698
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

In article <4fsqki$djs@crc-news.doc.ca>,
Jim Cummings <jcumming@clark.dgim.doc.ca> wrote:
> myers@West.Sun.COM (Dana Myers) wrote:
> >Here's a little contribution to those with IC-2000s. I've crossposted
> >to rec.radio.amateur.digital.misc for those wishing to connect a
> >1200 baud TNC to the IC-2000.
> >
> >Please send me updates or corrections...
> >
>
> OK, I got another here for you (it seems that the UP/DOWN issue is now
> cleared up.... so no point in being repetative)
>
> >---
> >
> >The IC-2000(H) microphone connector FAQ
> >Version 0.1 2/9/96
> >Maintained by Dana.Myers@West.Sun.Com
> >
> >
> (snip, snip)
> >3 Audio output from radio
>
> (further snipping)
>
> >Notes:
> >
>
> (One more time!!!!)
>
>
> >* The audio output is a fixed level, de-emphasized signal, it looks
> >like it will drive loads down to 600 ohms, though I'd suggest the
> >higher the impedance, the better. This should just connect directly
> >to the input of most 1200 baud TNCs for packet; it is not usable
> >for 9600 baud.
> >
>
> Sorry Dana, but this is in error. There is a fixed-level audio output
> pin in the ACCESSORY plug in the rear of many Icom radios (735, 740, and
> 751 rigs are my experience). The level is high enough to operate HF
> digital operations with PK232s and KAMs (although it is not enough to
> drive the PK232 from my 751 when the '232 is in Morse code - not that it

> much of a concern for me. However, the audio output derived at ICOM
> mike jacks is adjustable with the volume control. I can confirm this
> because I have the Icom Boom/Headset mike and it works with my former
> 735, and currently owned 751, 706 and 2310 (UHF/VHF mobile). If however
> it is the case for the IC-2000, it would seem that this is peculiar to
> this radio.

What makes you think my description is in error, other than some other Icom radios are different? The mic jack audio out is derived from the top of the volume control, directly from the IF demodulator, as indicated by the schematic and block diagram. The block diagram indicates signal flow _to_ the volume control and mic jack (via a buffer amplifier), then it indicates signal flow _from_ the volume control to the speaker amplifier.

I believe my description is correct.

[The mic connector on the IC-2000 is an RJ (twisted pair/telco style) connector, I doubt that headset that plugs into the IC-735 would plug in ;-).]

thanks for the note!!

Dana

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *

2322. Remote functions of the Kenwood TM 733?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-14 00:00:00 UTC
From: a0378@freenet.uni-bayreuth.DE
Message-ID: <199602140703.IAA03753@btr0x7.hrz.uni-bayreuth.de>
Source record: 205699

Hi:

Could anybody explain the remote functions of the Kenwood TM 733??
What is possible with the remote controll?

Thanks in advance!

73

DL6RDE/AA1KD, Charlie

2323. Ameritron Amplifiers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-14 00:00:00 UTC
From: a0378@freenet.uni-bayreuth.DE
Message-ID: <199602140706.IAA03859@btr0x7.hrz.uni-bayreuth.de>
Source record: 205700

Hi Northamerica,

where to get good information material about Ameritron Amplifiers for HF operation?
In Germany it is very hard to get good info. In most of our catalogues only a picture appears
without background information.

Anybody how can proi□vid my address to Ameritron??

vy 73

DL6RDE, Charlie

2324. FS: Great Communications Computers - CHEAP!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-14 00:00:00 UTC
From: dtburr@mcs.com
Message-ID: <4ftau0$f8d@Nntp1.mcs.net>
Source record: 205701

I have four lower-end PCs for sale. Great for communications work,
basic word processing or spreadsheet work. The 286s are Windows-capable.

1)Toshiba T1200 laptop, dual floppy, no HD, comes with case, manuals. $100

2)Mitsubishi 286, 40M HD, 1.2 5-1/4 floppy drive, 1M RAM, CGA graphics card, $90
3)Mitsubishi 286, 40M HD, 1.2 5-1/4 floppy drive, 2M RAM VGA graphics card, $100

Both of the above are very nice, clean, compact machines

4)NEC Powermate 286, 40M HD, 2M RAM, 1.2 and 360k 5-1/4 floppies, VGA card, $100
Excellent shape

Monitors for your new machine(s):
Aamazing 14" VGA color monitor, great shape $130
NEC 14" CGA color monitor, very nioce unit $100

Will make package deals!

Contact Dave

dtburr@mcs.com
or: 708-462-5720

2325. Re: IC-2000 microphone connector FAQ (here it is!)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-14 00:00:00 UTC
From: Jim Cummings <jcumming@clark.dgim.doc.ca>
Message-ID: <4fsqki$djs@crc-news.doc.ca>
Source record: 205702
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

myers@West.Sun.COM (Dana Myers) wrote:
>Here's a little contribution to those with IC-2000s. I've crossposted
>to rec.radio.amateur.digital.misc for those wishing to connect a
>1200 baud TNC to the IC-2000.
>
>Please send me updates or corrections...
>

OK, I got another here for you (it seems that the UP/DOWN issue is now
cleared up.... so no point in being repetative)

>--
>
>The IC-2000(H) microphone connector FAQ
>Version 0.1 2/9/96
>Maintained by Dana.Myers@West.Sun.Com
>
>
(snip, snip)
>3 Audio output from radio

(further snipping)

>Notes:
>

(One more time!!!!)

>* The audio output is a fixed level, de-emphasized signal, it looks
>like it will drive loads down to 600 ohms, though I'd suggest the
>higher the impedance, the better. This should just connect directly
>to the input of most 1200 baud TNCs for packet; it is not usable
>for 9600 baud.
>

Sorry Dana, but this is in error. There is a fixed-level audio output
pin in the ACCESSORY plug in the rear of many Icom radios (735, 740, and
751 rigs are my experience). The level is high enough to operate HF
digital operations with PK232s and KAMs (although it is not enough to
drive the PK232 from my 751 when the '232 is in Morse code - not that it
much of a concern for me. However, the audio output derived at ICOM
mike jacks is adjustable with the volume control. I can confirm this
because I have the Icom Boom/Headset mike and it works with my former
735, and currently owned 751, 706 and 2310 (UHF/VHF mobile). If however
it is the case for the IC-2000, it would seem that this is peculiar to

this radio.

(Finis!)

73 and live better digitally
Jim, VE3XJ

2326. Re: IC-2000 microphone connector FAQ (here it is!)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-14 00:00:00 UTC
From: Jim Cummings <jcumming@clark.dgim.doc.ca>
Message-ID: <4ft94g$l4j@crc-news.doc.ca>
Source record: 205703
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

From: Dana H. Myers
To: jcumming
Subject: Re: IC-2000 microphone connector FAQ (here it is!)
Date: Wednesday, February 14, 1996 7:51AM

>
>> >* The audio output is a fixed level, de-emphasized signal, it looks
>> >like it will drive loads down to 600 ohms, though I'd suggest the
> >>higher the impedance, the better. This should just connect directly
> >>to the input of most 1200 baud TNCs for packet; it is not usable
> >>for 9600 baud.
> >
>
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>> pin in the ACCESSORY plug in the rear of many Icom radios (735, 740, and
>> 751 rigs are my experience). The level is high enough to operate HF
> >digital operations with PK232s and KAMs (although it is not enough to
> >drive the PK232 from my 751 when the '232 is in Morse code - not that it
>> much of a concern for me. However, the audio output derived at ICOM
>> mike jacks is adjustable with the volume control. I can confirm this
>> because I have the Icom Boom/Headset mike and it works with my former
>> 735, and currently owned 751, 706 and 2310 (UHF/VHF mobile). If however
> >it is the case for the IC-2000, it would seem that this is peculiar to
> >this radio.

>What makes you think my description is in error, other than some other
>Icom radios are different? The mic jack audio out is derived from the
>top of the volume control, directly from the IF demodulator, as indicated
>by the schematic and block diagram. The block diagram indicates signal
>flow _to_ the volume control and mic jack (via a buffer amplifier), then
>it indicates signal flow _from_ the volume control to the speaker
>amplifier.

My apologies - I did not wish to discredit your schematic interpretation
abilities whatsoever. It struck me odd, however, that this rig would seemingly
have a different configuration from the rest of the Icom family of radios,
as I noted in my last comment of my original posting.

>The mic connector on the IC-2000 is an RJ (twisted pair/telco style)
>connector, I doubt that headset that plugs into the IC-735 would plug
>in ;-).

From your description, sounds like Icom used the RJ-45 connector,
which is used by the telephone industry, so I have been told, as a
"data jack". This is the type of jack that is also used on the 706. But

you are right, here I was with the Icom boom-headset with the radial 8 pin plug and in accordance with that Law of Physics that says you can't put a square peg in a round hole, it didn't fit. As well, the stock 706 does not come with a DTMF pad on the mike (when told by an Icom America rep that DTMF mikes were over $100 a pop and the inclusion of one would have thrown the target price for these radios out of whack, I didn't have the presence of mind to remind this individual is that what he was quoting was the retail price, not the actual value of manufacturing - which is probably in the order of 10 bucks - but I digress). So I had a couple of 8 pin radial jacks, and rooted around in the shack for a mini-DPDT switch and scrounged a curly cable with an RJ-45 plug on it, went to Radio Shack and bought a little perf board and one of their blue experiementer boxes. After careful wiring, and a lot of swearing and making sure I did not poke my eye out with the soldering iron and Voila! I now have a little adapter box, in which I can plug my boom headset and an Icom mike with DTMF pad and it is switchable. So far, it seems that the boom mike has better audio, according to the tests I have been doing so far. But when I want to make an autopatch, I just flip the switch and use the DTMF pad on the other hand mike.

So it is possible to use headset that was used on my 735, but a little adapter is necessary. (I understand that Icom has an adapter ready made, but I read somewhere it is $US45, which would put it at the $CAN65 range. It wasn't worth it.)

73 and live better digitally
Jim, VE3XJ

Yes, I faced the same problem with my 706, coupled with the fact that the 706 stock mike does not have a touch tone pad
thanks for the note!!

Dana

2327. Re: UHF Repater For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-14 00:00:00 UTC
From: PHIL DIAZ <hc@primenet.com>
Message-ID: <4fsgqc$6hb@nnrp1.news.primenet.com>
Source record: 205704

ken or john,
i'm interested in the micor uhf repeater. but i don't know too much about them. all that stuff you listed, does that mean i would just get the right frequency pair and i would be able to put it up or is there more parts i'll need?
i do have cavities awaiting to be tuned to the frequency allocated by the local frequency allocator. but i want to run it from my home, and i need to know what all i'll need. i'm not quite sure what kind of controller is needed or if that's included. i don't know what all the parts you have listed are. but if it's complete, less the crystal frequencies, i'm very interested.

if you could fill me in a bit on setting it up i would be very appreciative, i've read a lot about them, but it's still not very clear to me.

i was going to get 2 radios (old rock bound radios) and try doing that, but i have heard that the micors' are made for it. please excuse my ignorance, but i'm learning. any help would be great!

thanks a lot
phil kc7afb

2328. Help with IC-27H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-14 00:00:00 UTC
From: gregb@sr.hp.com
Message-ID: <4ft2ir$3n5@canyon.sr.hp.com>
Source record: 205705

I have a friend who has an IC27-H in need of a volume control. Does anyone have the documentation for this who can give me a part number for it? I would like to order one for him so that I can repair his radio when he visits me later this month.

Thanks,

Greg WB6UHH
(707)539-8519

2329. Re: FT-10 or FT-11

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-14 00:00:00 UTC
From: sims@dduck.acsys.com
Message-ID: <4ft1us$61a@mtv.acsys.com>
Source record: 205706

raider@salmon.mugu.navy.mil (Michael Raider) writes:

>I'm thinking about purchasing either the FT-10 or FT-11. Anyone have
>experience, good or bad, with either of these units. Having never used a
>handheld, I am having a hard time understanding the advantages of one
>over the other.

Hi Michael, I've used both radios. I actually prefer the FT-11. For one, the FT-10 has a non-standard antenna connector, so I foresee problems hooking it up to car roof antennas, etc. Second, I'm not so interested in the ruggedness of my HT as I am features. The FT-11 has more features, and it's a lot closer to the FT-51R, which is my favorite of all the Yaesu radios.

Just my two cents.

<begin shameless plug>
And whichever one you end up with, please check out EZ Clone. EZ Clone is software for programming the settings and memories of handheld radios. It will work with both the FT-10 and FT-11. More info is available from:

world wide web: http://www.acsys.com
email: ezclone@acsys.com
<end shameless plug>

cheers,
dave sims, kc5jkn
--
dave sims
sims@acsys.com
kc5jkn
http://www.acsys.com -- software for programming amateur radios

2330. RST Kit Electronics Web Page

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-14 00:00:00 UTC
From: rst-engr@oro.net
Message-ID: <4fta94$tjq@hg.oro.net>
Source record: 205707
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

After only 6 months of diddling around with it, we are finally up on
the WWW.

http://www.rst-engr.com

Your comments would be greatly appreciated.

Jim

Jim Weir VP Engineering | You bet your sweet patootie I speak
RST Engineering | for the company. I OWN the cotton-
Grass Valley CA 95945 | pickin' company.
http://www.rst-engr.com/ | AR Adv. WB6BHI Cessna 182A N73CQ
rst-engr@oro.net | Comm'l Pilot & CFI Airplane/Glider A&P Mechanic

2331. Re: HELP, EFFECTIVENESS OF LINEARS ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-15 00:00:00 UTC
From: Rod Dinkins <ac6v@ix.netcom.com>
Message-ID: <4fvg95$bet@reader2.ix.netcom.com>
Source record: 205560

Hi Peter. I agree with the previous comment -- re it depends on the calibration and accuracy of the S-meter circuits in any particular rig. In general most reference books state that an S-unit is 6DB. Thus a power increase of 100 W to 200 W is 3dB and 200 W to 400 W is another 3 dB, so 100 to 400 would by theory gain you 1 S-unit.

However, if you can get your signal up out of the noise by 1 S-unit it can make a big difference. Generally, on 20M, it is very difficult for me to work Europe with 100 Watts and my R5 antenna. With an AL-811A at 600 Watts, however I have much much better results. On the other hand, old man propagation calls the shots as well. During the last sunspot peak, I was able to work several Europeans SSB with 6 Watts (playing at QRP here).

Most Dxer's will advise putting efforts into maximizing your antenna first by getting a gain antenna and a good low angle of radiation, -- a whole other subject. I would much rather have a beam at 60 + feet then an amplifier and a dipole HI HI.
--
****
Hark! I Have Hurled My Words To The Far Reaches Of The Earth!
What King Of Old Could Do Thus ? --- AC6V
****
A Man May Know Of The World Without Leaving The Shelter Of His
Own Home!
Loa-Tsze
****

2332. Re: For Sale Postings, wrong?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-15 00:00:00 UTC
From: Gary Davidson <reporter@sparc1.castles.com>
Message-ID: <4fttke$smp@miwok.nbn.com>
Source record: 205631

Many new users come *DIRECTLY* to this group, and either don't KNOW where to find instructions, or don't even know they EXIST! Upon reaching this group and seeing other for sale listings, they feel no guilt in placing their own. Before someone climbs up on their soapbox, and begins lecturing the newcomers, I would ask a question: WHY is it not possible at the heading downloaded to all checking into this, and other groups, to include a *BRIEF* one or two sentence outline on WHAT is, or is NOT proper to post here? At least THAT way, ALL users would see the info at first access to the group. Too logical, perhaps... :-)
--
Gary... KJ6Q... I am the NRA | "Only in AMERICA, Veterans in shacks,
========================== | a DRAFT DODGER in the White House...
"Did you come here to *LEARN*,|====================================
or to look around, make rude | "It's *EASY* to be a liberal, it's
noises & provide proof our | OTHER people's money you are giving
educational system stinks?" | away! (or living off of!)

2333. Re: FT-8500 Need Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-15 00:00:00 UTC
From: Mike Obermeier <ifindem@mail.calypso.com>
Message-ID: <4fueef$hke@news.htp.com>
Source record: 205632
Cross-posted to:
rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

The mod is easy. This will give you 137-174mhz and 410-470mhz Tx/Rx.

1. disconnect power and antenna (like, you would'nt of done it already.)
2. open up the case by removing the screws and gently removing the cover and unpluging the speaker.
3. locate and CUT the GREEN WIRE on the CONTROL BOARD (the vertical board behind the control panel.
4. reassemble the radio.
5. RESET THE MICROPROCESSOR (so much for the memory!)

(press and hold [D/M] & [REV] & [ENT] & turn the power on (got enough fingers?).

(turn off the radio).

(press and hold [SCAN] & [HOME] & turn on the radio (extended RX mod).

Tha, Tha, Tha, That's All Folks!

2334. Re: QSK Cookoff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-15 00:00:00 UTC
From: Joe Fitter BV/N0IAT <FITR%mimi@magic.itg.ti.com>
Message-ID: <4fuven$7ft@tilde.csc.ti.com>
Source record: 205633

Have enjoyed all the posts about QSK. Jack (WB3U) mentions that
the key to good qsk is to somehow "center" the "chopping" in-between
the RX and TX window. I agree...but isnt this dreaming a bit?

I dont know about you guys, but I use QSK almost always and find that I
prefer if my sending signal is perfect and RX is ok. In otherwords, I'd
prefer the RX to suffer when running at 45 WPM full bkin and have my
sending go out perfectly. The perfect QSK cw is important when you are
trying to crack a pileup (or just for good copy on the other end) Being
on this end of the pileups, I find it much easier to copy clean "qsk" CW
than chopped CW. At 45WPM, the effectiveness of hearing between every
single dit is not so significant. I cant stop my hand on the
paddle just as I copy that CW between my dits...reaction time just isnt
that good. However, hearing between letters is mandatory. In summary,
then, I'd like the manufacturers to make "flawless QSK transmitting with
adequate rx breakin to run 45WPM and have some degree of AGC/receiver
recovery between dits but PERFECT AGC recovery between letters. Problem
is, most rigs cant even do this very well at the 45+ WPM speed.

Just my 2 cents worth. 73 and thanks for the enjoyable discussion.
Joe

Amateur Radio: BV/N0IAT Taipei TAIWAN Republic of China

ex. 7J1AOF (Japan) YU3/N0IAT (Slovenia) KA0ZDH (Novice)
Licensed Radio Amateur since 1986. Comments are mine only.

2335. Re: Periphex Inc-still around?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-15 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4g0919$qb9@mksrv1.dseg.ti.com>
Source record: 205634

Periphex is still in business. They have ads in QST magazine every month. Pick up the latest issue and check the index at the back of the mag to see what page they're on.

73 de KC5NG

2336. Re: QRP adjustments on current HF rigs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-15 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4g096t$qb9@mksrv1.dseg.ti.com>
Source record: 205635

Greg,
To my knowledge, all Kenwood solid-state HF rigs can be turned down to near-zero power, going back to the early ones like the TS-120S. I've owned TS-130S, 430S, 440S, 850S, and now an 870S, and all went down to virtually zero power just using the front panel controls.

I've heard that many Icom and Yaesu rigs will only go down to ten Watts or so without modification. YMMV.

73 de KC5NG / Dean / Lake Dallas, Texas / QRP animal!

2337. Re: ssb microphone for kenwood 850/870

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-15 00:00:00 UTC
From: garyk9gs@solaria.sol.net
Message-ID: <4fuocb$lev@hummin.sol.net>
Source record: 205636

James A. Nitzberg (nitz@access.digex.net) wrote:

: I have been using kenwood equipment for about six years. I am currently
: using an 870, with an MC-60A microphone. I'm very interested in opinions
: on alternative microphones.

: I'm interested in a very high fidelity, "bassy" studio quality audio.
: Anyone who's ever heard Mike, EA3OT on 20 meters knows that this type of
: audio is possible with an SSB rig and good microphone.

: I'm also interested in a microphone that "resists" rf feedback. The
: MC-60A works well but needs to be fussed with a bit to eliminate all RF.

: Microphone's I've considered are Shure 444, Heil, Astatic, etc. Thank you
: in advance for your comments.

I use a Heil Pro-set with my TS-850 and the audio quality is great. I use
the DX element however you might try the flat response element. Never had
any RF feedback problems at all.

--
73,
Gary K9GS (You have to STOP the Q-Tip when there's resistance !)

____
| |
| Gary Schwartz K9GS E-Mail: garyk9gs@solaria.sol.net |
| Society of Midwest Contesters Packet:K9GS@WA9KEC.WI.USA.NOAM |
| Greater Milwaukee DX Association Secretary/Treasurer |
|____|

2338. IC-706 on PACTOR

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-15 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <DMtyus.Cut@iglou.com>
Source record: 205637

I've using the IC-706 on Pactor, opperating in the real FSK mode.
I'm here to report that it works wonderfully. I had a nice Pactor qso on
80 meters with another staion over 1000 miles away who was practically
inaudible. Amazing throughput and I didn't even kick in the 500hz filter.

Results were much better than with my TS-940. I noticed that the cw
monitor is turned off on the 706 while in fsk mode. I was accustomed to
monitoring my outgoing chirps on the 940. No big deal though.

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

2339. Re: Alinco DX-70 hum on 6 meters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-15 00:00:00 UTC
From: Joe Fitter BV/N0IAT <FITR%mimi@magic.itg.ti.com>
Message-ID: <4fv5e1$9c1@tilde.csc.ti.com>
Source record: 205638
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Cross posting here to rec.radio.amateur.equipment from
rec.radio.amateur.misc. thanks, Joe

Joe Fitter BV/N0IAT <FITR%mimi@magic.itg.ti.com> wrote:
Hi Bryan,

I've had one of those rigs for about 8 months with no reports
of problems. However, I own the DX-70 Japanese model
(not the T model, so my unit did not come with CTCSS).
I have had no problems with the unit in FM -- reports are
consistently good . As the other
ham suggested, perhaps RF is getting into your radio. Here is
what I would suggest for starters, to eliminate the obvious:

a. Does the hum change if high or low power? You need to
work a station who is close enough to be "full quieting FM"
on both high and low power. RF may be getting into the rig
or the microphone on high, but not low power.
If it goes away on low power, it could be RF in your rig or
more likely into your power supply.

b. Can the new power supply handle 19 amps of current continuously?
My rig draws about 19 amps on FM...which is a continuous duty

mode. Could be power supply hum if not hefty enough.

c. Are you using the Alinco microphone? After-market mic's
(especially electrec condenser mic's) can be prone to rf
and cause a hum in the transmission.

d. You mentioned CTCSS. Does the hum persist even after you turn
off your ctcss encoder? Go simplex with a buddy to find out
if your FM rptrs require CTCSS to access them. Or, just have
a buddy listen to your input frequency with and without CTCSS
encode.

e. Does the hum change frequency (pitch) when you change the dip
switches on the ctcss encoder board? If so, then the
deviation
on the CTCSS board may be set too high. There is a small
surface mounted resistor on the ctcss board. Open the
underside
of the radio and adjust the ctcss level...you can do this if
you
are careful without the aid of test equipment.

f. Is the VSWR below 1.5:1 at your rig and antenna? VSWR can
sometimes cause funny things to happen to surrounding shack
equipment....which can induce a hum into your FM rig.

g. Does your rig sit on top of the power supply? Some rigs can
pick up the "hum" of the power supply even though the mic is
far from the source of the hum. Move the rig off of the
power supply.

These are some ideas...have had problems with hum before, but "usually a
quick lesson to teach the radio all the words" solves the humming
problem (sorry...old old joke couldnt resist).

Good luck and keep us posted on your findings.

73, Joe

Amateur Radio: BV/N0IAT Taipei TAIWAN Republic of China

ex. 7J1AOF (Japan) YU3/N0IAT (Slovenia) KA0ZDH (Novice)
Licensed Radio Amateur since 1986. Comments are mine only.

2340. Guide to the Personal Radio Newsgroups

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-15 00:00:00 UTC
From: jmaynard@admin5.hsc.uth.tmc.edu
Message-ID: <radio/personal-intro_824412061@rtfm.mit.edu>
Source record: 205639
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.info,rec.answers,news.answers

```
Posted-By: auto-faq 3.1.1.2
Archive-name: radio/personal-intro
Revision: 2.1 1994/11/01 03:50:23
Posting-Frequency: posted on the 15th of each month

This message describes the rec.radio.amateur.*, rec.radio.cb,
rec.radio.info, and rec.radio.swap newsgroups, as well as their Internet
mailing list counterparts and complements. It is intended to serve as a
guide for the new reader on what to find where. Questions and comments may
be directed to the author, Jay Maynard, K5ZC, by Internet electronic mail at
jmaynard@admin5.hsc.uth.tmc.edu. This message was last changed on 31 October
1994 to add the discussion of non-Usenet mailing lists and streamline most
of the history discussion, and to change the moderator information for
rec.radio.info.

History
=======

Way back when, before there was a Usenet, the Internet hosted a mailing list
for hams, called (appropriately enough) INFO-HAMS. Ham radio discussions
were held on the mailing list, and sent to the mailboxes of those who had
signed up for it. When the Usenet software was created, and net news as we
now know it was developed, a newsgroup was created for hams: net.ham-radio.
The mailing list and the newsgroup were gatewayed together, eventually.

Over the years, as the net grew, the volume of discussion became
progressively higher. First one by one, and then as part of two
reorganizations, what was once one group became many. In the process,
developments elsewhere on the net were reflected in the groups as they were
created, most notably the change to place all of the ham radio groups in one
hierarchy.

The collection of newsgroups continues to grow as more people join the net,
and as more topics of discussion gain volume, I expect to see more groups be
created as well. This follows what is happening on the rest of the net.

Nearly all of the radio newsgroups have corresponding mailing lists, the
notable exception being rec.radio.swap. There are also a few mailing lists
that don't have newsgroups.

The Current Groups
==================

It's important to post messages to the group that's appropriate for them,
and not to the groups that aren't. The whole idea of having different
```

newsgroups is so that folks who aren't interested in, say, homebrewing, don't have to wade through messages about homebrewing on the way to read about Field Day. Posting appropriately is just good etiquette.

The rec.radio.amateur.misc group is the catchall. It is what rec.ham-radio was renamed to during the first major reorganization. Any message that's not more appropriate in one of the other groups belongs here, from contesting to DX to ragchewing on VHF to information on becoming a ham.

The group rec.radio.amateur.digital.misc is for discussions related to (surprise!) digital amateur radio. This doesn't have to be the common two-meter AX.25 variety of packet radio, either; some of the most knowledgeable folks in radio digital communications can be found here, and anything in the general area is welcome. The name was changed to emphasize this, and to encourage discussion not only of other text-based digital modes, such as AMTOR, RTTY, and Clover, but things like digital voice and video as well. The former group, rec.radio.amateur.packet, was removed on September 21st, 1993. It is obsolete, and you should use .digital.misc instead (or the appropriate new mailing list, mentioned below). The group has .misc as part of the name to allow further specialization if the users wish it, such as .digital.tcp-ip.

The swap group is rec.radio.swap. This recognizes a fact that became evident shortly after the original group was formed: Hams don't just swap ham radio gear, and other folks besides hams swap ham equipment. If you have radio equipment, or test gear, or computer stuff that hams would be interested in, here's the place. Equipment wanted postings belong here too. Discussions about the equipment generally don't; if you wish to discuss a particular posting with the buyer, email is a much better way to do it, and the other groups, especially .equipment and .homebrew, are the place for public discussions. There is now a regular posting with information on how to go about buying and selling items in rec.radio.swap; please refer to it before you post there. To answer a frequently asked question: No, there is no mailing list that goes along with this group. If you can't read Usenet news directly, you're out of luck.

The group rec.radio.amateur.policy was created as a place for all the discussions that seem to drag on interminably about the many rules, regulations, legalities, and policies that surround amateur radio, both existing and proposed. Recent changes to the Amateur Radio Rules (FCC Part 97) have finally laid to rest the Great Usenet Pizza Autopatch Debate - it's now legal to order a pizza on the autopatch, if you're not in the pizza business - as well as complaints about now-preempted local scanner laws hostile to amateurs, but plenty of discussion about what a bunch of rotten no-goodniks the local frequency coordinating body is, as well as the neverending no-code debate, may still be found here.

The group rec.radio.cb is the place for all discussion about the Citizens' Band radio service. Such discussions have been very inflammatory in rec.ham-radio in the past; please do not cross-post to both rec.radio.cb and rec.radio.amateur.* unless the topic is genuinely of interest to both hams and CBers - and very few topics are.

The rec.radio.info group is just what its name implies: it's the place where informational messages from across rec.radio.* may be found, regardless of where else they're posted. As of this writing, information posted to the group includes Cary Oler's daily solar progagation bulletins, ARRL bulletins, the Frequently Asked Questions files for the various groups, and radio modification instructions. This group is moderated, so you cannot post to it directly; if you try, even if your message is crossposted to one of the other groups, your message will be mailed to the moderator, who is currently David Dodell, WB7TPY. The email address for submissions to the group is rec-radio-info@stat.com. Inquires and other administrivia should be directed to rec-radio-info-request@stat.com. For more information about rec.radio.info, consult the introduction and posting guidelines that are regularly posted to that newsgroup.

The groups rec.radio.amateur.antenna, .equipment, .homebrew, and .space are for more specialized areas of ham radio: discussions about antennas, commercially-made equipment, homebrewing, and amateur radio space operations. The .equipment group is not the place for buying or selling equipment; that's what rec.radio.swap is for. Similarly, the .space group is specifically about amateur radio in space, such as the OSCAR program and SAREX, the Shuttle Amateur Radio EXperiment; other groups cover other aspects of satellites and space. Homebrewing isn't about making your own alcoholic beverages at home (that's rec.crafts.brewing), but rather construction of radio and electronic equipment by the amateur experimenter.

Except for rec.radio.swap and rec.radio.cb, all of these newsgroups are available by Internet electronic mail in digest format; send a mail message containing "help" on a line by itself to listserv@ucsd.edu for instructions on how to use the mail server.

All of the groups can be posted to by electronic mail, though, by using a gateway at the University of Texas at Austin. To post a message this way, change the name of the group you wish to post to by replacing all of the '.'s with '-'s - for example, rec.radio.swap becomes rec-radio-swap - and send to that name@cs.utexas.edu (rec-radio-swap@cs.utexas.edu, for example). You may crosspost by including multiple addresses as Cc: entries (but see below). This gateway's continued availability is at the pleasure of the admins at UT-Austin, and is subject to going away at any time - and especially if forgeries and other net.abuses become a problem. You have been warned.

Mailing Lists

In addition to the mailing lists that mirror the Usenet newsgroups, there also are a few that stand alone. These cover specific areas of ham radio, and discussion is focused on just those areas.

The cq-contest mailing list is for discussions of contesting in ham radio. To join, send email with the word "subscribe" on a line by itself to cq-contest-request@tgv.com.

The DX mailing list covers the finer points of DXing. This one is also joined by mailing "subscribe" on a line by itself, this time to

dx-request@unbc.edu.

There's also a VHF mailing list, for VHF operators of the weak signal persuasion. You can join this one be sending "subscribe vhf" on a line by itself to vhf-request@w6yx.stanford.edu.

All of the following mailing lists are sponsored to the Boston Amateur Radio Club, as well as some others of local interest. Thanks to N1IST for the information.

qrp-l: This is the qrp mailing list, previously maintained by Bruce Walker at Think.com. It is for discussions about the design, construction, and use of qrp (low power) radios and related equipment.
arrl-ve-list: This is a one-way list, run by Bart Jahnke of the ARRL VEC, for announcements to VEs and VE teams.
w1aw-list: ARRL bulletins, news, and information
newsline-list: Redistribution of Amateur Radio Newsline
letter-list: Redistribution of the ARRL Letter
fox-list: Fox hunting and Radio Direction Finding
fieldorg-l: ARRL field organization discussions
ham-tech: Technical discussions and questions about Amateur Radio
arrl-exam-list: amateur radio license examinations scheduled in the US and in some foreign areas.

To sign up or inquire about these lists, send mail to listserv@netcom.com with the following in the body (subject is ignored) of the message.
<listname> is the name of the list to subscribe to.
To subscribe: subscribe <listname>
To unsubscribe: unsubscribe <listname>
For more information: help
To post (to the two-way lists), send your message to <listname>@netcom.com

Please do NOT send subscription requests to the mailing lists themselves; that doesn't work very often, and is very annoying to those on the list. Also, please keep your electronic mail address current with any mailing lists you subscribe to, as dealing with returned email is a nuisance for the person maintaining the mailing list.

A Few Words on Crossposting
==========

Please do not crosspost messages to two or more groups unless there is genuine interest in both groups in the topic being discussed, and when you do, please include a header line of the form "Followup-To: group.name" in your article's headers (before the first blank line). This will cause followups to your article to go to the group listed in the Followup-To: line. If you wish to have replies to go to you by email, rather than be posted, use the word "poster" instead of the name of a group. Such a line appears in the headers of this article.

One of the few examples of productive cross-posting is with the rec.radio.info newsgroup. To provide a filtered presentation of information articles, while

still maintaining visibility in their home newsgroups, the moderator strongly encourages cross-posting. All information articles should be submitted to the rec.radio.info moderator so that he may simultaneously cross-post your information to the appropriate newsgroups. Most newsreaders will only present the article once, and network bandwidth is conserved since only one article is propagated. If you make regular informational postings, and have made arrangements with the moderator to post directly to the group, please cross-post as appropriate.

--
Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
jmaynard@admin5.hsc.uth.tmc.edu | adequately be explained by stupidity.
"All is strange and vague." "Are we dead?" "Or is this Ohio?"
-- Yakko and Dot Warner

2341. C5900DA - RS232 port?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-15 00:00:00 UTC
From: mcnerney@programart.com
Message-ID: <4fv6em$ik2@sundog.tiac.net>
Source record: 205640

I was interested in Standard's new 6m / 2m / 70cm tri-bander which
is advertised in the March CQ-VHF. Does anyone know whether
it has an RS232 port so that it can be controlled / configured from a
computer as can Yaesu's Ft-8500?

thanks!
-bob

2342. IC706 CW filters: 250 vs 500?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-15 00:00:00 UTC
From: wilson@afn.org
Message-ID: <4fvbfg$69a@huron.eel.ufl.edu>
Source record: 205641

Does anyone know the 60db bandwidth of these filters. I emailed ICOM,
but got their typical no response. I guess this question may be moot;
I'm not sure the 250 Hz filter is available.

WA5BRB

2343. Yaesu FT-530 price drop down to $298 from AES

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-15 00:00:00 UTC
From: crum@xmission.xmission.com
Message-ID: <4g0c71$iku@xmission.xmission.com>
Source record: 205642

So, I wonder why AES dropped the price of the Yaesu FT-530 dual-band handheld radio down to $298. The guy I talked to (at 800-558-0411) said that this price "is not listed as a closeout price at this time." Hopefully this means that a new model FT-50R is coming out soon! Anyone have juicy rumors out there?

2344. ICOM IC 706 AIRBAND-Transmitter 10 Watt

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-15 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9602151550.AA22733@noldor>
Source record: 205643

The IC-706 was puposely designed so it would not
transmit in the VHF AM AIR-BAND. I am suprized at
such a request.
Icom make excellent aircraft portable transceivers,
and for lower cost than the IC-706, you can get a type
accepted radio.
Can you imagine a new ham , pulling out a diode,
redirecting 747 , 757,s jets to the wrong runway.
This would cause an international crisis. The outcome
would be very serious!
If anyone knows of such a mod, do not post it here,
this request of an Aircraft Transmit Mod for the IC-706
is one of non-responsibility, violation of laws in
many countries.
Please be resonsible here, not all the people here asking
for mods, may not be hams!!
Also, thing of your actions before you volunteer such a
modification.
That's all we need is hams on the Aircraft band.
Let's ignore such requests!!!!!!!!!!
73
Mike

Date: Tue, 13 Feb 1996 13:54:06 -0600
From: kgk@nwu.edu (Kenneth Kalan)
Subject: ICOM IC 706 AIRBAND-Transmitter 10 Watt

In article <4fjjrg$k2s@news00.btx.dtag.de>, com-com@t-online.de (Anton
HOLLAUS) wrote:

>what must i do to transmit with the 706 with more as 0,01 Watts in the
>airband. liz. ok.
>
>vy 73

I ask the Icom rep at a local hamfest why it doesn't transmit VHF out of
band (I was interested in CAP frequencies). His reply is that they didn't
way the radio to transmit on AM aircraft frequencies, which is what I
guess would happen if the radio was able to be modified (why that cannot
be blocked with software and the microprocessor I don't know). That's why
it cannot be modified and Icom has no intention (at this time) to make one
that is modifiable.

Ken

2345. Re: For Sale Postings, wrong?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-15 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb15.182418.13420@ke4zv.atl.ga.us>
Source record: 205644

In article <4fttke$smp@miwok.nbn.com> Gary Davidson <reporter@sparc1.castles.com> writes:
>Many new users come *DIRECTLY* to this group, and either don't KNOW where
>to find instructions, or don't even know they EXIST! Upon reaching this
>group and seeing other for sale listings, they feel no guilt in placing
>their own. Before someone climbs up on their soapbox, and begins
>lecturing the newcomers, I would ask a question: WHY is it not possible
>at the heading downloaded to all checking into this, and other groups, to
>include a *BRIEF* one or two sentence outline on WHAT is, or is NOT
>proper to post here? At least THAT way, ALL users would see the info at
>first access to the group. Too logical, perhaps... :-)

The problem is those nasty web browsers. They weren't designed to
do that, and they don't have the newsgroups file to draw from. Now
on my site I handle things this way. I make the group FAQ article
number 1, and I change ownership of the file so that expire can't
touch it. That way, anyone joining the group for the first time
sees the FAQ as their first message. Any news administrator could
do the same on any news server.

For a brief description of the group, my system newsreader can draw on
the newsgroups file on the system, but that only works for shell accounts
of course. I also have the system newsreader setup to *force* setting
of the Distribution line for each message, something else you can't make
the browsers do. It's pretty obvious that the browser authors don't
understand usenet netnews, and have managed to break many of its built
in management features (use of nntp over the internet doesn't help
matters either since it can really bollux the distribution system).

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2346. *** Need info on latest handhelds (esp. toneburst)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-15 00:00:00 UTC
From: hardie@duke.usask.ca
Message-ID: <4fvt57$7sj@tribune.usask.ca>
Source record: 205645

I'm hoping to buy a dual-band handheld very soon but would like some info.
I notice that most of them advertise (in North America) built in CTCSS and
some even have DTMF paging functions. However, they do not mention if they have
the European 1750 Hz toneburst feature built in. My old FT-208R has a space
on the board where the chip for this function would be in the European version
and I had to add my own circuit to generate the toneburst.
Do these recent do-almost-everything handhelds have the toneburst in them?
I'd rather not have to build a circuit for it again - and I'm not that good
at whistling the right tone.
And while I'm at it, if you have a recent dual-band handheld please Email me
your likes and dislikes about it (no need to clutter the group with this :-)

--
Pete
ve5va.qrp@usask.ca

2347. Re: QSK Cookoff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-15 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <DMtyMs.CKD@iglou.com>
Source record: 205646

: then, I'd like the manufacturers to make "flawless QSK transmitting with
: adequate rx breakin to run 45WPM and have some degree of AGC/receiver
: recovery between dits but PERFECT AGC recovery between letters. Problem
: is, most rigs cant even do this very well at the 45+ WPM speed.

It woundn't take much effort. They just don't care I guess.
On the706, I set the semi breakin for .1 sec. This enables me to copy
between letters just fine.

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

2348. Re: Alinco DX - 70T

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-15 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4g098i$qb9@mksrv1.dseg.ti.com>
Source record: 205647

DX-70T... great rig, WELL worth the money, does everything
a same person would need in a mobile HF rig.

73 de KC5NG

2349. Cheap, portable HF receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-15 00:00:00 UTC
From: kenh@netcom.com
Message-ID: <kenhDMu896.Mv9@netcom.com>
Source record: 205648
Cross-posted to: rec.radio.amateur.equipment,rec.radio.shortwave

I'm looking for an inexpensive HF receiver. Perhaps this is in
a FAQ or web page.

I'd like to have SSB (and morse?) and external antenna. I'd like to
use it to receive weather fax and SITOR transmisions, as well as
voice.

Could I get some opinions on what to get?

I've seen these:

Grundig Yacht Boy 400, $250
Sony ICF-SW100, $300
Sony ICF-SW7600G, $200
Radio shack DX-390, $220
Sangean 803A, $200
Panasonic RF-B45, $200
Panasonic RF-B65, $269

--

Ken Harris Internet: kenh@netcom.com

2350. Re: ssb microphone for kenwood 850/870

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-15 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4g09b2$qb9@mksrv1.dseg.ti.com>
Source record: 205649

Wanna sell the MC-60A?

Dean, KC5NG, QRP%mimi@magic.itg.ti.com

2351. GIANT E.F. JOHNSON VARIABLE CAP FOR SALE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-15 00:00:00 UTC
From: Bill <debral@falcon.cc.ukans.edu>
Message-ID: <1996Feb15.205534.114126@kuhub.cc.ukans.edu>
Source record: 205650

AIR-VARIABLE TRANSMITTING CAPACITOR

::

Manufacturer: E.F. Johnson Co.
Waseca, Minn.
U.S.A.

PART NO: 150DD70

CAP uuf * 150 X 2

VOLTS: * 7000

AIR GAP: * .175

SIZE: approx 14 inch X 4.5 inch

COMMENTS: * Ratings apply to each section of this multiple
section condenser.

Includes insulated (steatite) shaft coupling.

::

Would anyone care to make an offer on this beauty?

73s

Bill
AA4FM/0

2352. Re: Manual's for Johnson Repeater.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-15 00:00:00 UTC
From: dballoch@iac.co.jp
Message-ID: <4g0h6n$asc@news.sphere.ad.jp>
Source record: 205651

In article <4f5dp3$oe7@treasure.coastalnet.com>, cn1290@coastalnet.com says...
>
>Hello All, I have come across a working 461mhz E.F. Johnson Repeater,
Complete
>and functioning. I would like to know if anyone out there can guide me to a
>source of documentation for realignment and wiring in a new controller. The
>controller thing should'nt be to difficult but the alignments could really
take
>a while to get right when guessing.
>
>Also, whatever happened to E. F. Johnson? Buy out, out of business, what?
>
>I do not have model numbers just FCC numbers. The gear in in a grey 4 ft tall
>19 inch rack mount cabinet, with controller, receiver, exciter, 100 watt amp,
>duplexer, and power-supply. The mobiles given to me with the repeater are
>FLEETCOM II's.
>
>UHF RCVR Data # 023-3823
>UHF TXCVR Data # 242-1000-001
>Duplexer Model # DB-4072
>
>Thanks for the Help,
>
>Ed Clark KQ4ZP
>cn1290@abaco.coastalnet.com
>

Call 1-507-835-6222 for the EFJ factory.

2353. Microwave (10Ghz) Equipment, Parts, Test

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-15 00:00:00 UTC
From: daveaa1a@pcix.com
Message-ID: <4fvgsp$om6@alpha.pcix.com>
Source record: 205652

Have accumulated much 10GHZ equipment, parts, modules, Test Equipment, Systems, Components...

Tell me what you are looking for and I will respond a.s.a.p.

daveaa1a@pcix.com -or- AA1A @ NS1N.ema

73 de Dave

2354. Re: Periphex Inc-still ar

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-15 00:00:00 UTC
From: Clint.Bradford@228.woodybbs.com
Message-ID: <12a_9602160050@woodybbs.com>
Source record: 205653

>>They refused to honor the warranty and exchange them. Let the buyer
>>beware!

I'll bet you a new battery that you haven't told us the ENTIRE story.
My dealings with Periphex have been all positive over the past few
years.
---
* wcECHO 4.1 ~ AR-Net: ATTENTION to Details * Mira Loma, CA * 909-681-6221
--
|Fidonet: Clint Bradford 1:2619/228
|Internet: Clint.Bradford@228.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.

2355. Re: Is there an all purpose TNC/Decoder?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-15 00:00:00 UTC
From: dmd@wilde.oit.umass.edu
Message-ID: <4g0uug$d77@wilde.oit.umass.edu>
Source record: 205654
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

[crossposted to r.r.a.digital.m]

>type packet, as well as decode other data transmissions, such as pagers,
>both digital and alphanumeric, DTMF tones, and other various data

I haven't seen anything that did pagers, but if you're interested in a wide variety of signals (i.e., not just packet and sstv/fax/rtty/amtor etc), you might be best off with a DSP rig such as AEA's DSP-2232 (model number?)...

Could someone who knows about such things continue on this point? Have people written "interesting" modes for the AEA DSP rig?

--

[Daniel Drucker / dmd@student.umass.edu / N2SXX]
you can stand there and agonize/till your agony's your heaviest load
(Emily Saliers)

2356. Want Linear Amp(s) 160-10m

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-15 00:00:00 UTC
From: Dave Heil <K8MN@clinet.fi>
Message-ID: <4fvvp9$bql@news.clinet.fi>
Source record: 205655

Still looking for a reasonably priced AL-82, AL-80, Ten-Tec Centurion, Drake L-75, Amp Supply (3-500s) or similar.

Also want Dentron 160-10L, Clipperton-L or other with 811As or 572Bs.

Easy shipment via U.S. Post Office to my APO address.

73,

Dave Heil OH2/K8MN
U.S. Embassy Helsinki, Finland

2357. Want Linear Amp(s) 160-10m

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-15 00:00:00 UTC
From: Dave Heil <K8MN@clinet.fi>
Message-ID: <4fvvq6$bql@news.clinet.fi>
Source record: 205656

Still looking for a reasonably priced AL-82, AL-80, Ten-Tec Centurion, Drake L-75, Amp Supply (3-500s) or similar.

Also want Dentron 160-10L, Clipperton-L or other with 811As or 572Bs.

Easy shipment via U.S. Post Office to my APO address.

73,

Dave Heil OH2/K8MN
U.S. Embassy Helsinki, Finland

2358. Want Autronic Paddle

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-15 00:00:00 UTC
From: Dave Heil <K8MN@clinet.fi>
Message-ID: <4fvvtn$c47@news.clinet.fi>
Source record: 205657

Looking for an Autronic keyer paddle in good shape at reasonable price.

Easy shipment via U.S. Post Office to my APO address.

73,

Dave Heil, OH2/K8MN
U.S. Embassy Helsinki, Finland

2359. Kenwwod TM733 problem on packet?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-15 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <4fvgea$r24@newsbf02.news.aol.com>
Source record: 205658

I am using a 733 for 1200 baud vhf packet and it seems to work quite well, except one friend that I have trouble connecting to even though we both have good signals...I tried adjusting the afsk level from my KAM to the 733 lower, and was able to find a point at which I could now connect to him fine, but on listening to my own signal it was obvious that my afsk tones were actually too low, sort of down in the noise. So I went back to the level they were at,. OF course now, I am right back to the same trouble with my friend's staion. (BTW I found I had trouble connecting to at least one other staion with the lower afsk level so that isn't a viable solution).

Is there something on HIS end that could be causing the trouble? He doesn't seem to have too much trouble connecting to other packet staions usually..

Thanks fior any advice on this! Mike KS4DA

2360. Anyone used or using FTV-707 transverter?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-15 00:00:00 UTC
From: pruth@ocvaxa.cc.oberlin.edu
Message-ID: <4fvh3c$ffs@news.cc.oberlin.edu>
Source record: 205659

I'm contemplating buying this transverter to use with my Yaesu FT-757GX, and am curious how users of this device feel about its performance, good and bad. All my friends are buying ICOM 706s and I hate to be left behind! 72/73 de Bill KB8USZ pruth@alpha.cc.oberlin.edu

2361. Re: Alinco DX - 70T

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-16 00:00:00 UTC
From: dnorris@k7no.com
Message-ID: <4g0bm2$56d@news.syspac.com>
Source record: 205561

QRP%mimi@magic.itg.ti.com (D W Hemphill KC5NG) wrote:

>DX-70T... great rig, WELL worth the money, does everything
>a same person would need in a mobile HF rig.

>73 de KC5NG

Have had my 70T for 5 months and love it. I do have to send it back for the NB mods but no hurry. I have to get my Ford Explorer fuel pump de-noised too..

73/Dx

C. Dean Norris, Esq.
Amateur Radio Station K7NO
e-mail to dnorris@k7no.com

2362. FS: High Power 50-ohm loads

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-16 00:00:00 UTC
From: bobs@isquare.com
Message-ID: <4g0rd4$63v@news.cais.com>
Source record: 205562

Have two high power 50-ohm loads for sale:

Bird Termaline #8890; 2500-watt continuous.
Electro Impulse RF Termination CPTN3000; 3000-watt

Make an offer on both or either.
Bob Sullivan W0YVA
703 450 7049 tele 703 450 7394 fax

2363. IC-735 spurs on 6 meters (short version)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-16 00:00:00 UTC
From: an142028@anon.penet.fi
Message-ID: <003315Z16021996@anon.penet.fi>
Source record: 205563

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domain and may be re-published, copied, or distributed without
prior permission. Credit to the original author will be
appreciated.

****

REDUCING 6-METER SPURS FROM THE ICOM IC-735

After assembling a Ten-Tec 1208 6-meter Transverter
Kit and connecting it to my Icom IC-735 transceiver, I noted the
presence of in-band (6-meter) spurs which apparently were coming
from the IC-735. Some were fixed frequency while others "stepped"
as the IC-735 was tuned, and they ranged in amplitude from near
noise level to S-8. Removing the microphone eliminated many of the
spurs, so it was obvious that they were being radiated by the
cable. Further tests verified that the PTT, PTT return, and UP/DOWN
pins on the mike connector were the worst offenders. The cure is
to bypass these pins inside the IC-735.

To accomplish the internal bypassing, remove the top and
bottom covers of the IC-735 and lay it on its top with the front
panel facing to the left. This puts the mike connector on the
observer's left and immediately in front. Behind the mike
connector is a small, vertically-mounted circuit board, and
pointing towards the observer from this board are several small,
green RF chokes in approximate vertical alignment. These chokes
are, from top to bottom: L8, L7, L6, L5, L4, and L3. Three bypass
capacitors should be installed: 0.1 ufd to pin 6 of the mike
connector (PTT Return), and 0.01 ufd to L8 (PTT) and L6 (UP/DOWN).
The free lead of each bypass capacitor should go to chassis
ground via a solder lug under the nearest PC board holddown screw
on the large board mounted to the underside of the IC-735.

Install a 0.1 ufd capacitor to pin 6 of the mike connector by
making a small loop in one lead of a capacitor (cut the lead to
about 3/8" long first), bend the loop 90 degrees, then slip it over
the pin. Reach in carefully with a small soldering iron (25 watts
or less) and "tack" the lead to the pin. USE EXTREME CARE NOT TO
TOUCH THE PLASTIC RIBBON OR ANY OTHER INTERNAL COMPONENTS OR WIRES!
Connect the other end of the capacitor to the ground lug.

RF chokes L8 and L6 are mounted vertically to the board with
the outer-most lead looped back down to the board. Alternate loops
have insulating sleeving on them, but the loops of L8 and L6 (top
and third from the top as viewed by an observer) have no sleeving.

Make a small "hook" in one lead of a 0.01 ufd bypass capacitor (cut the lead length to about 1/4" or so), hook it over the wire of the loop, and tack it with the soldering iron. Connect the other end to the ground lug. Repeat the procedure for the second RF choke.

After installing the three bypass capacitors most spurs were eliminated, while the strongest of the original "carrier-type" spurs (50.100 and 50.200 MHz) were barely audible at the noise level. The synthesizer "step" spurs at 50.121 and 50.225 are no more than S-3 and there are no other spurs of consequence in the range from 50.100 to 50.225 MHz. The modifications have no apparent adverse effect on operation of the IC-735.

Paul Bock, K4MSG

--****ATTENTION****-****ATTENTION****-****ATTENTION****-***ATTENTION***
Your e-mail reply to this message WILL be *automatically* ANONYMIZED.
Please, report inappropriate use to abuse@anon.penet.fi
For information (incl. non-anon reply) write to help@anon.penet.fi
If you have any problems, address them to admin@anon.penet.fi

2364. Re: QSK Cookoff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-16 00:00:00 UTC
From: RCWP14A@prodigy.com
Message-ID: <4g0mck$2o28@useneta1.news.prodigy.com>
Source record: 205564

Joe,

I'm using an old Ten Tec Omni that I bought back in 1981. It is and excellent QSK xceiver. I can hear between signal elements just fine and it has a excellent transmit signal.

I have been running QSK since I was in the Navy. I am 100 % QSK.

73..de John/K8PXG

2365. Re: Keypad Mod for IC2GXAT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-16 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <4g10a9$ho8@news.halcyon.com>
Source record: 205565

IC-2GXAT Keypad Receiver Modification

1. Turn off the radio
2. Press and hold the Function, Scan and Dup buttons.
3. Continue to hold the above buttons for 5 seconds after turning back on the radio.
4. Release the above buttons, now the IC-2GXAT will tune from 136 to 174 Mhz.

There is no direct keypad frequency entry modification and the IC-2GXAT will not d Air craft A.M. receive.

Have Fun

Gary

2366. KENWOOD 450 AT FOR SALE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-16 00:00:00 UTC
From: estrella@pa.dec.com
Message-ID: <4g2emu$ol6@src-news.pa.dec.com>
Source record: 205566
Cross-posted to: rec.radio.amateur.equipment,ba.market.misc,su.market,ba.market

HF Transceiver /excellent condition

KENWOOD 450 AT with Automatic antenna tuner
MC-60 mic included

$1100.00 firm

Contact Luis Estrella at K06WW or call (408)297-9198 day or
(408)279-6028 after 5.30 pm pacific time.

You can also e-mail me, John Estrella

at estrella@pa.dec.com

2367. Information on equipment sought by new Tech

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-16 00:00:00 UTC
From: tomz@premier1.net
Message-ID: <DMuJuB.GLH@data-io.com>
Source record: 205567
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

Hi,
I am going to be taking my Tech tests on Saturday (2/17) and am now starting to look in to what type of radios to get. I plan to put a 2M Mobile in my truck and get a more substantial base for home.

For home I'm looking into Base Multiband / Multimode Transceivers and trying to decide what will be my best bet. I was thinking of one that would cover at least 2M and perhaps 70cm. I am interested in working into Satellite and EME as well as FM and perhaps some local CW, 12V operation would be a plus but not a major requirement. I do plan on upgrading to at least General with in the next year and expanding also into some HF as well. So I would want to take that into consideration as well. possibly using Transverters get to the higher freqs for satellite and EME and going with a more basic UHF/VHF base unit.

For the mobile unit I was thinking of a rather simple 2M unit for repeater and simplex FM. I live in a rather remote area in the western foothills of the Cascades so I think one of the higher output power units would be in order. I was considering picking up one of the new Radio Shack units. As far as I can tell it has most everything I am looking for at a reasonable price. From the cross talk I have seen on the net and the write up in CQ (VHF) it seems to be a good choice.

I would like to take advantage of the wealth of experience of those out here on the net and get some input from you as to what you think. Suggestions on equipment to get or avoid as well as things to look for or useless features to not even consider. For me price, value and reliability are important, I have a modest but hopefully adequate amount set aside for starting up and want to use it wisely. The Base unit I'll be looking for used at up coming Ham fests so any information about current or older equipment would be helpful. I was thinking of picking up the Mobil new (if it is in or around the same price range as the Radio Shack unit) but am vary open to suggestions. I would also welcome comment on other accessory gear that you feel would be useful as well as thoughts on band selection (pros and cons of the diffrent amature bands) or what ever info. you would like to pass on to a newbie like myself. I know there are lots of books and other sources around and would not mind pointers to the better source like that, but I am primarily looking for personal insights and experience.

Thanks
TZ

Reply here or by e-mail to tomz@premier1.net

2368. FS AEA DSP 1232

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-16 00:00:00 UTC
From: n5kxi@ionet.net
Message-ID: <4g27mu$sp2@ionews.ionet.net>
Source record: 205568

AEA DSP 1232 for sale $250.00 and I ship.
E-Mail to n5kxi@ionet.net

2369. Info on MFJ 6 Meter gear

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-16 00:00:00 UTC
From: BAACK@MAINE.MAINE.EDU
Message-ID: <96047.093335BAACK@MAINE.MAINE.EDU>
Source record: 205569

Hello All,
I am looking for reviews of the MFJ -9406
The six meter transceiver.
Good, bad, whatever. Also any information on
what individuals are using out there as far as antennas
and 6 meter gear.
Any Communicator IV users out there?
Thanks in advance.

Jason N1RWY FN54
baack@maine.maine.edu

If you want to see what A.T. hiking is like with a ham radio twist
go here http://www.umecut.maine.edu/~baack

2370. Re: ICOM IC 706 AIRBAND-Transmitter 10 Watt

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-16 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4g1r2h$kem@newsbf02.news.aol.com>
Source record: 205570

In article <9602151550.AA22733@noldor>, aust@gandalf.sp.TRw.COM (Mike Aust) writes:

> If anyone knows of such a mod, do not post it here,
>this request of an Aircraft Transmit Mod for the IC-706
>is one of non-responsibility, violation of laws in
>many countries.

Actually it's bad form to post ANY mod that violates TA of the product, like out of band HF mods.

Half the people that want those mods are the SSB CB idiots that operate outside the band and use amateur equipment. Not only does it encourage CB use of Ham gear, if the FCC ever got a complaint the manufacturer could be in big trouble.

73 Tom

2371. Re: QSK Cookoff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-16 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4g1r21$kee@newsbf02.news.aol.com>
Source record: 205571

Hi Joe,
In article <4fuven$7ft@tilde.csc.ti.com>, Joe Fitter BV/N0IAT
<FITR%mimi@magic.itg.ti.com> writes:

>Have enjoyed all the posts about QSK. Jack (WB3U) mentions that
>the key to good qsk is to somehow "center" the "chopping" in-between
>the RX and TX window. I agree...but isnt this dreaming a bit?

Nope, it's very easy to do. All that is necessary is the tailing TX
waveform edge is held on exactly as long as the leading edge is shortened!
It's a cake-walk!

>I dont know about you guys, but I use QSK almost always and find that I
>prefer if my sending signal is perfect and RX is ok. In otherwords, I'd
>prefer the RX to suffer when running at 45 WPM full bkin and have my
>sending go out perfectly. The perfect QSK cw is important when you are
>trying to crack a pileup (or just for good copy on the other end) Being

>on this end of the pileups, I find it much easier to copy clean "qsk" CW
>than chopped CW. At 45WPM, the effectiveness of hearing between every
>single dit is not so significant. I cant stop my hand on the
>paddle just as I copy that CW between my dits...reaction time just isnt
>that good. However, hearing between letters is mandatory. In summary,
>then, I'd like the manufacturers to make "flawless QSK transmitting with
>adequate rx breakin to run 45WPM and have some degree of AGC/receiver
>recovery between dits but PERFECT AGC recovery between letters. Problem
>is, most rigs cant even do this very well at the 45+ WPM speed.

I agree 100%. Make a perfect TX, and let the RX fall where it may! QSK
isn't that important that it's work messing up the waveform.

73 Tom

2372. Re: ssb microphone for kenwood 850/870

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-16 00:00:00 UTC
From: dykstrar@aol.com
Message-ID: <4g238p$o11@newsbf02.news.aol.com>
Source record: 205572

Turner used to make a mike that may fit your needs. I think it was a
"Turner 2"
It was a blue desk mike, made of metal.

Rick

2373. Re: Kam Plus Software

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-16 00:00:00 UTC
From: stan@mutadv.com
Message-ID: <4g2al0$h2o@news-2.csn.net>
Source record: 205573

In article <4g0m0d$orn@omnifest.uwm.edu>, mjfalk@omnifest.uwm.edu says...

>Hey all. A friend of mine (W9GSV) just got a Kam Plus TNC and has no software
>for it.

Download KaWin from the KaWin Home Page (below) and get him started on the
right track. ;-)

73, Stan ..
--
Stan Huntting, KF0IA
Postal Address: 4655 Pleasant Ridge Rd.,
Boulder, CO 80301-1731, USA
email: stan@mutadv.com
KaWin Home Page: http://www.mutadv.com/kawin/
KaWin FTP Site: ftp.csn.net in the directory /kawin

2374. Kenwood TH-215A 2M HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-16 00:00:00 UTC
From: config@aol.com
Message-ID: <4g2ffa$3od@news.netvoyage.net>
Source record: 205574

Kenwood TH-215A 2M Handheld

This is what you get:

1- TH-215A in good working order MARS-CAP modifed
1- TH-215A DEAD but you can scavange parts from it
1- BC-7 rapid charger
3- PB2 battery packs
1- Alkaline pack
1- Speaker Mic

All this for $250. I'll ship C.O.D. UPS ground and pay shipping. The Nicads are kind of old so I'm not sure how well they hold a charge but the rest to the stuff works well. I want to buy a new pair of ski boots ($470)! so I need some cash.

Call EZRA at 310-839-5171

Ezra Duong-Van Config.Sys Consulting Group
800-386-2724
310-839-5171 Office
310-839-5178 Fax
Los Angeles, San Diego
http://members.aol.com/config/index.html

Serving Southern California's small businesses since 1986

2375. Re: FS *** Regency RH-250 ***

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-16 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4g2oha$t4c@news.ccit.arizona.edu>
Source record: 205575

braymer@sunbelt.NET (Bobby Raymer) writes:
>For Sale a Regency RH-250 10 channel progeammble 25 watts with mobile mounting
>bracket and Service Manual.Radio has a touch tone pad on the radio for
>audiopatch
>use.The radio works 150-174 MHZ but can be tune too work in the Two meter
>VHF ham
>band.The radio works fine have not use in over two years.$250.00 Plus Shipping
>Email too Bobby Raymer at braymer@sunbelt.net

Normally I don't take much notice of FOR SALE ads in this group, as they aren't supposed to be here anyway. But this one raised my curiousity. My RH-250 by Regency covers 150 to 162MHZ, and the front keypad has no ability to generate DTMF tones. It will program the unit (w/ J401 Uncut) and controls various operations. But DTMF? Wow.

Or do you mean that you've added an aftermarket DTMF pad to the unit?

Never seen one of these sell used over $100. A nice enuf little mobile - CTCSS/SCAN/PROGRAMABLE. But susceptible to intermod, cheaply constructed and the finals were not well heat sinked. Commonly the power switch and the finals go out. Properly installed, it's reasonable to get 20 to 23 watts out of a new set of finals. The trouble was that Regency and Wilson who also made this radio both failed to provide a proper heat sink for the finals and often left out the silicone heat sink grease.

Suggest posting this to rec.radio.swap where lots of folks buy-sell-trade radio stuff. I'd be very interested in hearing what it finally sells for too. I plan on selling mine soon and have 2 Wilson WU1510 UHF versions to get rid of as well.

Chris - N7RME
"THIS WAS NOT A FLAME ATTEMPT!"

2376. Kenwood TS50 - Impressions?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-16 00:00:00 UTC
From: garry@bonney.u-net.com
Message-ID: <4g1kh2$84@nuntius.u-net.net>
Source record: 205576

HI there, I am trying to find out about the TS50 HF mobile rig. How does it perform, the usual questions etc etc.. Also are there any obvoius modifications available, 0-30 TX for example.

Any info would be most appreciated.

Regards Garry

G0IHB, GX0TEN, F/G0IHB/P

Internet:garry@bonney.u-net.com
Packet: G0IHB@F6KBO.FBRE.FRA.EU

2377. Re: ICOM IC 706 AIRBAND-Transmitter 10 Watt

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-16 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4g2vde$neo@news.ccit.arizona.edu>
Source record: 205577

>>In article <9602151550.AA22733@noldor>, aust@gandalf.sp.TRw.COM (Mike
>>Aust) writes:
>>> If anyone knows of such a mod, do not post it here,
>>>this request of an Aircraft Transmit Mod for the IC-706
>>>is one of non-responsibility, violation of laws in
>>>many countries.
>>Actually it's bad form to post ANY mod that violates TA of the product,
>>like out of band HF mods.

Actually, there is absolutely nothing wrong with modifying radios. The FCC frowns most severely on transmitting from said radios outside of the amateur bands. They also look upon the fact that the radio was modified as proof that the radio has been used out of band. Now that's very rude.

Transmitting on the AM Air-Band? While none of my radios is modified, I have read thru the various mods and none can make the radio transmit down there. Receive yes. Transmit no. I'd be greatly surprised to hear that the 706 could be made to do that. Rather useless if it could. The Air Band in question is AM, not FM. When I listen to such transmissions using FM demodulation they are quite lacking in readability. So why bother?

Strictly in terms of practicality, there are many good reasons to modify radios for out of band operation. But that doesn't make the use of these toys legal, so best not to mess with it. The bit about CB'rs using modified HF radios or modified CBs to yack in the HF bands is one that I certainly wouldn't like either. I once bought a used Palomar SSB-500 CB (over 16 or 17 years ago). Lots of switches for assorted interesting "noise reduction" features. But try and use these switches and you were suddenly off on something like "Channel 64". The radio had been designed to easily do these tricks. The prior owner didn't tell me he'd done the mods. Took me a while to figure out what the heck was going on and straighten the radio out. Good radio actually. Still have it. Wonder if it would convert over to 10meters?

Chris
N7RME

2378. Re: Helping a begginer can be your good deed for the week

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-16 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4g2vsm$tgq@news.ccit.arizona.edu>
Source record: 205578

tyoei@eworld.com (Tyoei) writes:
>I am a person. A person interested in Radio transmitting. A person who
>wants to know what hardware one would need to send and receive messeges
>using a radio transmitter. Help is greatly appriciated.
><<<<<<tyoei@eworld.com>>>>>>

Well, that's nice. Suggest adding info on what sort of Amateur license you hold, and what your interests are. Do you want to communicate around the world or around the neighborhood? The different answers to this question will point you in different directions. What do you want to use these radio toys for?

Other than that: Try first doing LOTS of listening. I know some amateurs who listened to their toys for weeks before they ever began to transmit. Helps you develop a feel for the hobbies better (and not so much better) practices. Then you can start up not making quite as many newbie mistakes as might otherwise ocurr.

Have fun out there,
Chris - N7RME

2379. Re: FS: High Power 50-ohm loads

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-16 00:00:00 UTC
From: Garth Wiscombe <garth@alinc.com>
Message-ID: <4g355c$4fq@newsNewSnews>
Source record: 205579

How much are you asking for these items

2380. Universal modems?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-16 00:00:00 UTC
From: haynes@cats.ucsc.edu
Message-ID: <4g35kp$2ng@darkstar.UCSC.EDU>
Source record: 205580
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

In one of the swl newsgroups someone pointed to a web page where the guy says he has one of the Universal Radio "decoders" and it runs rings around the PK-232 on difficult RTTY signals. Wonder if anyone here has a comment on those modems?

2381. Information sought by new Tech

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-16 00:00:00 UTC
From: tomz@premier1.net
Message-ID: <4g2hgb$f06@premier1.premier1.net>
Source record: 205581
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.swap,alt.radio.amateur.club.clarc,rec.radio.amateur,rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.packet,rec.radio.amateur.policy,rec.radio.amateur.space

Hi,
I am going to be taking my Tech tests on Saturday (2/17) and am now starting to look in to what type of radios to get. I plan to put a 2M Mobile in my truck and get a more substantial base for home.

For home I'm looking into Base Multiband / Multimode Transceivers and trying to decide what will be my best bet. I was thinking of one that would cover at least 2M and perhaps 70cm. I am interested in working into Satellite and EME as well as FM and perhaps some local CW, 12V operation would be a plus but not a major requirement. I do plan on upgrading to at least General with in the next year and expanding also into some HF as well. So I would want to take that into consideration as well. possibly using Transverters get to the higher freqs for satellite and EME and going with a more basic UHF/VHF base unit.

For the mobile unit I was thinking of a rather simple 2M unit for repeater and simplex FM. I live in a rather remote area in the western foothills of the Cascades so I think one of the higher output power units would be in order. I was considering picking up one of the new Radio Shack units. As far as I can tell it has most everything I am looking for at a reasonable price. >From the cross talk I have seen on the net and the write up in CQ (VHF) it seems to be a good choice.

I would like to take advantage of the wealth of experience of those out here on the net and get some input from you as to what you think. Suggestions on equipment to get or avoid as well as things to look for or useless features to not even consider. For me price, value and reliability are important, I have a modest but hopefully adequate amount set aside for starting up and want to use it wisely. The Base unit I'll be looking for used at up coming Ham fests so any information about current or older equipment would be helpful. I was thinking of picking up the Mobil new (if it is in or around the same price range as the Radio Shack unit) but am vary open to suggestions. I would also welcome comment on other accessory gear that you feel would be useful as well (for example band selection for Satellite and EME), or what ever info you would like to pass on to a newbie like myself. I know there are lots of books and other sources around and would not mind pointers to the better source like that, but I am primarily looking for personal insights and experience .

Reply here or by e-mail to tomz@premier1.net

Thanks
TZ

2382. Re: Is there an all purpose TNC/Decoder?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-16 00:00:00 UTC
From: jsmith@mnsinc.com
Message-ID: <312513ab.302356201@news1.mnsinc.com>
Source record: 205582
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

>
>>type packet, as well as decode other data transmissions, such as pagers,
>>both digital and alphanumeric, DTMF tones, and other various data
>

For the receive-only listener, check the M-8000, M-4000 and M-1200
decoders offered by Universal Radio, Inc. Each includes some of the
common paging formats in addition to RTTY, AMTOR, etc. Certain of
these decoders also include DTMF and AACARS. The price ranges are from
$1350 down to $400.

Universal can be reached at (614) 866-4267 (Columbus, Ohio).

Jack Smith K8ZOA

Jack Smith
jsmith @mnsinc.com

2383. Re: Ameritron Amplifiers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-16 00:00:00 UTC
From: rroberts@mcs.net
Message-ID: <NEWTNews.824531746.10688.rroberts@rroberts.mcs.com>
Source record: 205583

In Article<199602140706.IAA03859@btr0x7.hrz.uni-bayreuth.de>, <a0378@freenet.uni-bayreuth.DE> write:
> Path: ddsw1!news.mcs.net!in-news.erinet.com!bug.rahul.net!a2i!genmagic!sgigate.sgi.com!swrinde!ihnp4.ucsd.edu!news1.ucsd.edu!news-mail-gateway
> From: a0378@freenet.uni-bayreuth.DE (Karl-Heinz Merscher)
> Newsgroups: rec.radio.amateur.equipment
> Subject: Ameritron Amplifiers
> Date: 14 Feb 96 07:06:28 GMT
> Organization: ucsd usenet gateway
> Lines: 13
> Message-ID: <199602140706.IAA03859@btr0x7.hrz.uni-bayreuth.de>
> Reply-To: a0378@freenet.uni-bayreuth.de (Karl-Heinz Merscher)
> NNTP-Posting-Host: ucsd.edu
> Originator: daemon@ucsd.edu
>
>
>
> Hi Northamerica,
>
> where to get good information material about Ameritron Amplifiers for HF operation?
> In Germany it is very hard to get good info. In most of our catalogues only a picture appears
> without background information.
>
> Anybody how can proi□vid my address to Ameritron??
>
> vy 73
>
> DL6RDE, Charlie
Charlie:

```
The address for Ameritron is 921 Louisville Rd. Starkville, MS 39759
Phone (601) 323-8211
Fax (601) 323-6551

Hope this helps.

Rich (KA9MAB)
```

2384. looking for mods for IC-T22A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-16 00:00:00 UTC
From: David_Edger@fforum.blkcat.com
Message-ID: <NOMSGID_1=3A109=2F239.0_960216_200000_e3253aca@fidonet.org>
Source record: 205584

Sorry I have no mod for the radio, but I was curious how you like it so far? How is the sensitivity of the receiver and the battery life? The price of that rig makes it very attractive, but I have not had the chance to paly with one myself.
Thanks for any info. 73

2385. Re: Cheap, portable HF receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-16 00:00:00 UTC
From: marrem@venlo01.xs4all.nl
Message-ID: <1932xbu60@venlo01.xs4all.nl>
Source record: 205585
Cross-posted to: rec.radio.amateur.equipment,rec.radio.shortwave

kenh@netcom.com (Ken Harris)
> I'm looking for an inexpensive HF receiver. Perhaps this is
in
>a FAQ or web page.
>
> I'd like to have SSB (and morse?) and external antenna. I'd
like to
>use it to receive weather fax and SITOR transmisions, as well as
>voice.
>
> Could I get some opinions on what to get?
>
> I've seen these:
>
> Grundig Yacht Boy 400, $250
> Sony ICF-SW100, $300
> Sony ICF-SW7600G, $200
> Radio shack DX-390, $220
> Sangean 803A, $200
> Panasonic RF-B45, $200
> Panasonic RF-B65, $269
>
I think the best relatively cheap receiver is the Lowe HF-150. I sells for about $500 in Europe. O.K. it's a bit higher in price than the above. But especially if you want to connect an external antenna, most of the regular small radios like the ones above quikly get overloaded by strong broadcast stations (lots of noise everywhere on the band).

Secondly the SSB reception is excellent. Very good sound quality and stability, the latter being important when receiving and decoding things like FAX and SITOR.

It's very bare to the bones and doesn't offer features like (alarm) clock and dial light, but every penny has been spent on performance. It has though holders for recharcheable batteries. And you can buy several options too.

Marc
--

__
/| /| | /
_____/ |/ | | ____ NL-5913 CX VENLO

Marc | |Remijn +31-77-3520099

2386. solar power for HTs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-16 00:00:00 UTC
From: FSMITH@PRISM.CLEMSON.EDU
Message-ID: <4g2g65$kpq@hubcap.clemson.edu>
Source record: 205586

I am looking for information on powering a 2m HT with soloar energy.

Does anyone have any expereince or soruces of information on buying/building
solar panels to power a radio?
Thanks F.Brian Smith
Charleston SC KE4ZUA

2387. How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-16 00:00:00 UTC
From: tom_boza@ccm.ch.intel.com
Message-ID: <4g2j6u$12e1@chnews.ch.intel.com>
Source record: 205587
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

How can you tell how much RF power an antenna tuner is consuming
when in use?

2388. Repeater For Sale UHF

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-16 00:00:00 UTC
From: Ken Yu <ak165@lafn.org>
Message-ID: <3123F760.2364@lafn.org>
Source record: 205588

>This repeater is modified from 100 watts Motorola Micor mobile radio
>It have internal Volume,SQL control, one channel element, RX/TX antenna
>port and interface cable with B+ B-,PTT,COS,audio/in,audio/out. All
>repeater will tested and pre-tune to 442.000/in 447.000/out.(x,tal not
>include)I will provide x'tal vendor for your reference. Asking $225
>I pay shipping anywhere US. Please contact me via e-mail or call
>1-181-288-9728 **john or ken**

2389. Re: Yaesu FT-840 MOD

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-16 00:00:00 UTC
From: nadzam@garlic.com
Message-ID: <4g0qka$gm0_001@nadzam.garlic.com>
Source record: 205589

In article <4focj2$i06@harbour.awod.com>, Russell Wells <rwells@awod.com> wrote:
>I need a general coverage Xmit mod for my Yaesu FT-840 Please help

1. take off bottom and top covers.
2. connect a jumper from point TP2003 to ground. this is temporary
while preforming the programming steps. that point is in front and to
the edge of the lithium battery.
3. with the ft-840 off, press and hold the (SSB) & (AM) buttons at the
same time. turn on the rig, then release the buttons simultaneously.

4. the display will show (02-ON). press the (AM) button to confirm
setting: it should read 7.000.00 LSB. turn rig off.
(If the rig does not show 02-on move the main freq knob to change it)

5. press and hold in the MEM , (DOWN) and (UP) buttons while turning
rig "on".
6. turn pwr off, and remove jumper.
7. if you have a problem, dump the backup memory by switching the back
up switch off per the manual.you can then redo the steps.

If you know of any mods please let me know and if you can find out what
01-ON/OFF to 09-ON/OFF i think it goes to, what do the other settings do.

Name: Bill.Nadzam
E-mail: "Bill Nadzam" <nadzam@garlic.com>

2390. WTB Anti PorkButt Amplifier

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-16 00:00:00 UTC
From: Mars@dum.edu
Message-ID: <4g2kkm$huc@solaris.cc.vt.edu>
Source record: 205590

WTB a 6,000 watt linear amplifier for 75 meters. Drive
available 150 watts. Needed as an Anti PorkButt device.

2391. PSE Info on: JRC - JST135

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-16 00:00:00 UTC
From: Luiz FElipe Ceglia <lceglia@ism.com.br>
Message-ID: <4g25ms$7le@unix1.ism.com.br>
Source record: 205591

Can anyone send me info on the JST-135, from Japan RAdio co?

2392. FM-10 Interceptor opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-16 00:00:00 UTC
From: mmq2@clarion.cec.wustl.edu
Message-ID: <4g3ksl$qnn@clarion.cec.wustl.edu>
Source record: 205592

I am considering buying an FM-10 and would like to know people's opinions. What kind of range can be realistically expected? Thanks in advance.

Matt Quint
mmq2@cec.wustl.edu

2393. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-17 00:00:00 UTC
From: cmoore@vegas.ch.intel.com
Message-ID: <4g3alc$13tl@chnews.ch.intel.com>
Source record: 205510
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In article <4g2j6u$12e1@chnews.ch.intel.com>,
WB7ASR <tom_boza@ccm.ch.intel.com> wrote:
>How can you tell how much RF power an antenna tuner is consuming
>when in use?

Hi Tom, if you are dealing with 50 ohm systems, you can easily measure the power into the tuner and the power out of the tuner. A network analyzer will also do the trick. If your question is: How does the average ham know how much power his antenna tuner (and balun) are consuming while radiating RF from an antenna, then the answer is not so easy which is why a lot of hams waste 1/2 or more of their power.

Here are my rules of thumb: 1. Never operate your tuner or balun in the right half of the Smith chart. 2. If you can possibly achieve a Z0-match on the antenna side of the balun, do it.

N5AQM and I proved that following the above rules-of-thumb bought me 5 dB on 75m. I don't know how that 5 dB was split between the tuner and the balun.

73, Cecil, KG7BK, OOTC (not speaking for my employer or yours)

2394. Re: ICOM IC 706 AIRBAND-Transmitter 10 Watt

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-17 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <3126150F.66ED@halcyon.com>
Source record: 205511

Dana Myers wrote:

> Since amateur transceivers in the US are not type accepted, there's
> no mod that violates the (non-existant) TA. Out of band HF mods
> are useful for MARS operation, and may be useful for emergency
> use.

Not quite true.
The IC-706 does indeed carry FCC Part 15 Type Acceptance. The receiver because it operates over 30 MHz must be complient with FCC Part 15. The Amateur radio transmitter is not type accepted or approved. The manufacturer only needs to comply with FCC Part 97 for the transmitter. On HF radio noyhing is Type accepted or approved. The FCC really does not care, only the transmitter complies with FCC Part 97. Also that the manufacturer follows the FCC letter of intent sent to manufacturers a few years back. Any transmitter must not be presented as useable in a service it was not Type Approved For. Only H.F. Linear Amplifers must pass Type Acceptance, And scanning receivers that operate above 30 Mhz must pass Part 15 RFI standards.

Where you get into trouble operating an out of band radio is as an unlicensed station. If the radio is not Type accepted for the other service it then is not licenseable for that service. So even in an emergency if some agency wanted to make a stink, one may just get pinched for operating an unlicensed station if you suddenly appear on the local police frequency. Also in other servicec other rhan amateur the transmitter is certainly Type Accepted along with the Receiver passing FCC Part 15 rules. The FCC is also notified about the exact numbers and models of All amateur products imported into the United States, but they do not care about serial numbers though.

Gary

2395. Re: Make money to pay off debts or to just spend! - aaaaa1.txt [1/1]

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-17 00:00:00 UTC
From: MYMJ78A@prodigy.com
Message-ID: <4g56cu$6gs@usenetp1.news.prodigy.com>
Source record: 205512

I dont get it duh!!!!!

2396. Re: Broadcasting Radio Station Database for you.....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-17 00:00:00 UTC
From: Roland S Geter PhD <roland@mycronet.com>
Message-ID: <4g4170$hl2@news1.goodnet.com>
Source record: 205513
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.noncomm,rec.radio.scanner,rec.radio.swap

Hi Chuck,

Let's try to get the database over here on this provider, OK?

Thanks
Roland S Geter PhD
roland@mycronet.com

2397. wtb: lafayette & allied electronics & heathkit catalogs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-17 00:00:00 UTC
From: rew5808 <bwilder@reallink.com>
Message-ID: <4g5926$7so@ferengi.prismnet.com>
Source record: 205514
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.misc

looking for catalogs from lafayette raido, allied electronics,
and/or heathkit from 1957 thru 1965. if you have any you would like to
part with, please let me know.

bobby
wb5wur

2398. Re: Kam Plus Software

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-17 00:00:00 UTC
From: 73700.12@compuserve.com
Message-ID: <4g59fm$gmf@dub-news-svc-5.compuserve.com>
Source record: 205515

In message <4g0m0d$orn@omnifest.uwm.edu> - mjfalk@omnifest.uwm.edu (Michael J. Falk) writes:
:>
:>Hey all. A friend of mine (W9GSV) just got a Kam Plus TNC and has no software
:>for it. If it helps, he has Hostmaster 8.0. If you can help please send me
:>an email...
:>
:>Thank you much.
:>73 de N9YKZ
:>(I left my tagline in my other comm program!)

The above is pretty vague. What particularly is he looking for? I use a simple terminal program with my KAM+, but I LIKE to fly on manual. :-)

Jim Nuytens N3JJA/Delaware Email:
V.P., Delaware Repeater Association 73700.12 @ compuserve.com
Seitz Technical Products Jim @ Seitz.com

Delaware Ham Shack BBS 302-798-2002

All opinions stated above are my own, which probably accounts for their unpopularity.

2399. Yeasu EDC12 car charger/power source mod file

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-17 00:00:00 UTC
From: wa2ise@netcom.com
Message-ID: <wa2iseDMxq72.7yK@netcom.com>
Source record: 205516

copied from packet:
MSG # TR SIZE TO FROM @BBS DATE TITLE
6421 B# 2878 MODS N9EWO ALLUS 960215 YAESU E-DC-12 DC Adapter Chg.Mod.

Hello , and many thanks for taking the time to read this packet........

YAESU E-DC-12 Mobile Adapter /Charger is the new gadget that
connects on the bottom of the Yaesu FT-51/11 series transceivers
for operation of the these H-T's via the cigarette lighter socket.

This slips on to the current battery in use using the bottom contacts on the
radio. The DC operation is the most desired feature. The trickle charger
is not (at least for me). I try to charge my Ni-Cad packs as you are
supposed to, that is NO charges in the middle of a discharging cycle.

Well if you slip the E-DC-12 on in your car (for DC operation) ,it will also
give the battery a charge as well. Bad for the battery. No switch is on the
unit to disconnect the charge circuit either.

So the easist and best way I found was to just open the E-DC-12 (4 screws)
and remove the 1 wire that goes to the charge circuit. Guess you could add
a switch here if you wanted to ?? I just removed mine as I do all of my
recharging in the NC-50.

After you take out the 4 screws , the case will sort of spring open, the +
connection is made via a spring. Be careful not to break the - wire, it's
quite short. All you need to do is to disconnect the "WHITE" wire. Insulate
it,and no more Charge circuit........I like it better this way......and can
be reconnected later with no problem......

73 Dave N9EWO

*** END OF MSG # 6421 from N9EWO @ N9LOH.EN52QS.WI.USA.NOAM

2400. FS: Towers/Antennas/Cable

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-17 00:00:00 UTC
From: scorpion@digital.net
Message-ID: <4g5dpq$42g@ddi2.digital.net>
Source record: 205517

I am selling the following equipment:

- 50' Aluma Tower: Crankup/Tilt-down
- 40' Steel Tower: Crankup/Tilt-down
- Hygain HAM IV rotor w/200' cable
- Yagi: 4 element 20m mono-bander (Hygain)
- Gap Challenger DX-VIII Vertical Antenna
- AEA Isopole 2m Vertical
- 4XL coax cable 150'
- RG-213/U coax cable 150'

I bought items in 1993. The Reason I am selling is I am going to college and won't be able to use the equipment. I am located in Vero Beach, FL (About 120miles southeast of Orlando).

> **Make Offer on all items!

If you are interested contact Joel Mandigo at:
scorpion@digital.net

.'''',.''' 73's De:
Joel Mandigo [KR4FJ]
scorpion@digital.net

2401. FS: COLLINS HF AMP (3 KW AND 10 KW)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-17 00:00:00 UTC
From: "michael p. murphy" <murphy@cts.com>
Message-ID: <4g5evk$90@news3.cts.com>
Source record: 205518

COLLINS 208U-3 3 KW AMP. 1.6-30 MHZ VERY GOOD COND. $4,000

COLLINS 208U-10 10 KW HF AMP 1.6-30 MHZ, FAIR COND. $3500

MIKE 619 444 7717

2402. Re: help with solar power for ham shack

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-17 00:00:00 UTC
From: goose@atlantic.net
Message-ID: <4g5eai$mm@lal.interserv.net>
Source record: 205519

<BAACK@MAINE.MAINE.EDU> wrote:

>Hello all,
>Iwas wondering if some of you solar guru's could help me find
>some good information on how to get started in solar with
>"little" expenditure. I have a growing interest in letting solar
>power be the source to my portable power requirments needs.

I'm not into solar power at the present time myself, but am interested
in it. My father pointed me to a good source. Home Power Magazine!
It is devoted to alternative power sources, solar included.

You can reach the Home Power Magazine homepage at:

http://www.igc.apc.org/hp/hptop.html

Richard

2403. ICOM 737-A For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-17 00:00:00 UTC
From: rroberts@mcs.net
Message-ID: <NEWTNews.824597357.10933.rroberts@rroberts.mcs.com>
Source record: 205520

Greetings All.....

I have an ICOM 737-A with VOX and Automatic Antenna tuner for sale.
The rig was purchased two years ago in January at the Wheaton Hamfest. It has been used mostly in the house but has been used as a mobile rig as well using a Hustler antenna system.

The only reason that I am selling it is that it is to big for use as a mobile rig in my car. Since it would be easier to get a smaller HF rig than a new car

(although almost as expensive HIHI, I first need to sell this rig before I get a new one.

The rig has been modified for MARS Operation, and I have the manuals,mobil power cord and hand mike.

I am asking $900.00 for the radio, however I will discuss "serious" offers as this radio has less than 100 hours total time of use.

Please address all mail to me direct and not to the news group. I will answer all inquiries made to me via direct. Shipping can be worked out. Weight of radio is approx.17lbs.

Thanks in advance.

Rich
KA9MAB

2404. WTB 2m HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-17 00:00:00 UTC
From: redbone@juno.COM
Message-ID: <199602172140.NAA24118@UCSD.EDU>
Source record: 205521

Looking for an entry level 2m HT.

Has anyone had any experience building the Ramsey transceiver kits.

2405. WTB: Yaesu SP-767 Speaker

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-17 00:00:00 UTC
From: sco@mindspring.com
Message-ID: <sco.690.00180DD2@mindspring.com>
Source record: 205522

[No readable article body recovered]

2406. Re: ICOM IC 706 AIRBAND-Transmitter 10 Watt

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-17 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <4g5i6a$n50@abyss.West.Sun.COM>
Source record: 205523

In article <3126150F.66ED@halcyon.com>,
Gary P. Fiber <gfiber@halcyon.com> wrote:
>Dana Myers wrote:
>
>> Since amateur transceivers in the US are not type accepted, there's
>> no mod that violates the (non-existant) TA. Out of band HF mods
>> are useful for MARS operation, and may be useful for emergency
>> use.
>
>Not quite true.
>The IC-706 does indeed carry FCC Part 15 Type Acceptance. The receiver
>because it operates over 30 MHz must be complient with FCC Part 15. The
>Amateur radio transmitter is not type accepted or approved. The manufacturer
>only needs to comply with FCC Part 97 for the transmitter. On HF radio
>noyhing is Type accepted or approved. The FCC really does not care, only the
>transmitter complies with FCC Part 97. Also that the manufacturer follows
>the FCC letter of intent sent to manufacturers a few years back. Any
>transmitter must not be presented as useable in a service it was not Type
>Approved For. Only H.F. Linear Amplifers must pass Type Acceptance, And
>scanning receivers that operate above 30 Mhz must pass Part 15 RFI standards.

The receiver is indeed subject to Part 15 "notification", but this
isn't "type acceptance" and has nothing to do with the transmitter
as you point out. Part 15 "notification" basically means the manufacturer
sends the FCC a form saying they've tested the receiver for compliance
with Part 15 standards and it passed. ;-). Type acceptance is considerably
more involved.

>Where you get into trouble operating an out of band radio is as an unlicensed
>station. If the radio is not Type accepted for the other service it then is
>not licenseable for that service. So even in an emergency if some agency
>wanted to make a stink, one may just get pinched for operating an unlicensed
>station if you suddenly appear on the local police frequency. Also in other
>servicec other rhan amateur the transmitter is certainly Type Accepted along
>with the Receiver passing FCC Part 15 rules. The FCC is also notified
>about the exact numbers and models of All amateur products imported into the
>United States, but they do not care about serial numbers though.

In an emergency, which the FCC defines as "property or life in imminent
danger", you're legally allowed (under FCC law) to use whatever means
necessary to get help. However, some local jurisdictions have more
restrictive laws. Me, if I thought I had a bona fide emergency, I would
not hesitate to use whatever means necessary.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *

2407. packet fore windows 95

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-17 00:00:00 UTC
From: jpiek@metropolis.nl
Message-ID: <DMxytA.962@news.metropolis.nl>
Source record: 205524

I'm looking fore een packet prog for win 95 b.v. graphic packet of baycom
is there someone who no where i can get that.

2408. FT726R 10M MODULE MOD

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-17 00:00:00 UTC
From: bsherwin@hic.net
Message-ID: <4g5ls0$376@news.hic.net>
Source record: 205525

Would like to know if there are mods to open the receive section of the FT726R 10 meter module

2409. FS ** ICOM IC24AT Dualband

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-17 00:00:00 UTC
From: braymer@sunbelt.NET
Message-ID: <01I1BUEMQVGQ8WXOAR@SUNBELT.NET>
Source record: 205526

For Sale ICOM IC24AT dualband with wall charger and two battery packs
the small battary and the BP-84 battary with manual.The Radio has the
PL board for opening up repeaters that require pl tones.Also receive
full commerecial radio band plus 800 mhz. $350.00 also might do some
tradeing let me know what you got VHF HT and mobile radio or HF gear.

from Bobby Raymer AD4HL Algood,Tennessee
Email too braymer@sunbelt.net

2410. NEED Modifications for the IC737A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-17 00:00:00 UTC
From: mfp@aros.net
Message-ID: <4g5800$8pm@news.aros.net>
Source record: 205527

Hello all ye Technical Wizards...

I would enjoy receiving any MARS mods for the ICOM IC-737...
any help at all, would be greatly appreciated...
Thankyou,

M. Peterson
R.M.R.A.

2411. Helping a begginer can be your good deed for the week

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-17 00:00:00 UTC
From: harlan.falkin@prostar.com
Message-ID: <0000121D00000C0F@prostar.com>
Source record: 205528

Hello person. The best place tot start is to head tto your nearest ham radio store and pick up one of the many publicattions for people interested in ham radio and read it cover to cover. Then work on getting your first license through a local club. usually theyu offer classes for getting started and lots of fantastic, practical advice. When you are ready to buy equipment once you are licensed, the club members will be extremely helpful guiding you to a good system. Good Luck WB7OWF

2412. CV-157/URR SSB Converter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-17 00:00:00 UTC
From: jddqc@vol.net
Message-ID: <4g41kb$3cb@vol.net>
Source record: 205529
Cross-posted to: aus.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc,slac.rec.ham_radio,tnn.radio.amateur,uk.radio.amateur,uwarwick.societies,amateur-radio,in.ham-radio

I am trying to obtain a US Army "Depot Level" service manual for this instrument. The CV-157/URR is
designed to work with the Collins R-390 shortwave receiver. If you have a copy to spare, or just want to
make more space on your bookshelf, please reply to:

Mike Hutchinson

jddqc@vol.net

PS: I would be pleased to pay reasonable costs

2413. swap yaesu ft411 2 mtr ht

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-17 00:00:00 UTC
From: whowell@epix.net
Message-ID: <NEWTNews.824623937.32196.whowell@epix.net>
Source record: 205530

```
i have a brand new ft411 2 meter ht that i want to trade for a 440 ht or will
trade ft411 and money for dual band ht.
email whowell@epix.net
or phone 610 588 4463
de bill n3ipj
```

2414. Recommendations for 220 HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-17 00:00:00 UTC
From: vanlamb@primenet.com
Message-ID: <vanlamb-1702961620390001@ip212.prc.primenet.com>
Source record: 205531

I'm looking for some reccomendations for a 220 mhz HT. I'll be buying one in the near future. I would appreciate hearing about anyone's experiences regarding their 220 HT, good or bad.

Thank you and 73's
Jason, KE6HXA

2415. SK / Packet / Internet Ham Radio Swap & Shop

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-17 00:00:00 UTC
From: Bruce Donovan <bdonovan@sasknet.sk.ca>
Message-ID: <4g43mp$m1u@mongol.sasknet.sk.ca>
Source record: 205593
Cross-posted to: sk.forsale,can.forsale,edm.forsale,in.ham.radio,rec.radio.amateur,rec.radio.amateur.swap,rec.radio.swap,rec.radio.amateur.equipment

SK/PACKET/INTERNET SWAP & SHOP, S=FOR SALE, W=WANT,
BO=BEST OFFER NEG=NEGOTIABLE

1. February 16, 1996 VE5ND@VE5LPM.#NESK.SK.CAN.NOAM
bdonovan@sasknet.sk.ca

OP CALL NAME QTH PHONE DATE
ITEM

==========
S VE8CK CLIFF YELLOWKNIFE 403-420-2390 01/27/96
AMP> 70 CM 100 WATT MIRAGE AMPLIFIER

S VE7BKH BOB VICTORIA FOR 7P 604-384-7980 02/09/96
AMP> YAESU FL2100B AMP ($500)

S VE5ZL ZOLIE GRAVELBOURG 648-2500 01/27/96
ANALYZER> HF/VHF MFJ 249 SWR ANALYZER, 1.8-170 MHz ($250)

S VE5RP PERCY SASKATOON 668-4619 01/31/96
ANT> ONE 70 CM MOBILE ANTENNA ($50)

S VE5RP PERCY SASKATOON 668-4619 01/31/96
ANT> TWO 2 METRE MOBILE ANTENNAS ($50 EACH)

S VE5RP PERCY SASKATOON 668-4619 01/31/96
BEAM> 15 ELEMENT HY GAIN 2 METRE BEAM ($100)

S VE5RP PERCY SASKATOON 668-4619 01/31/96
BRIDGE> MFJ NOISE BRIDGE MFJ 202B - NEW ($40)

S VE6XF DON CALGARY 282-0356 02/16/96
COLLLINS> COLLINS 32V-3 W ORIGINAL MANUALS, EXC SHAPE ($500 US)

S VE5YK SYL SASKATOON 382-3894 01/25/96
FILTER> HEATHKIT CRYSTAL FILTER SB 102 OR SIMILAR 250Hz ($15)

S VE5GZ GARY OGEMA 459-2872 02/09/96 HF
D1> DRAKE TWINS B SERIES, AC4 POWER SUPPLY, MANUALS

S VE5GZ GARY CONTINUED 459-2872 02/09/96 HF
D2> ELECTRO VOICE DESK MIKE, 10 EXTERNAL CRYSTALS ($500)

S VE6BV HELLMUTT CALGARY 279-9153 01/19/96 HF
ICOM1> ICOM IC 745 HF XCVR W BUILT IN SWITCHING POWER SUPPLY

S VE6BV HELLMUTT CALGARY 279-9153 01/19/96 HF
ICOM2> SM6 MIC, MOBILE MIC, BUILT IN ELECTRONIC KEYER ($850)

S VE6ZEE ZANE CALGARY 403-249-1206 01/27/96 HF
K1> KENWOOD TS 820, REMOTE VFO, MC-50 MIC, DC AND LINEAR POWER CORD

S VE6ZEE ZANE CONTINUED 403-249-1206 01/27/96 HF
K2> CW KEY, SERVICE MANUALS, SPARE FINALS ($650)

S VE7BKH BOB CONTINUED 604-384-7980 02/09/96 HF
T1> TS 950 SDX FULLY LOADED ($4000)

S VE7BKH BOB VICTORIA 604-384-7980 02/09/96 HF
T2> SELLING FOR VE7PAL, LES PALMER, VICTORIA 475-7980

S VE6GN ARNE CALGARY 403-288-8591 02/09/96
HF> FT1000, TRADE FOR SMALL MOBILE, OR KWM2 COLLINS ($3700 FIRM)

S VE5RAE RAY N BATTLEFORD 445-3114 02/02/96
HF> KENWOOD TWINS T599R + D, TUBE FINALS, 151'S ($450) @VE5BDP

S VE5GZ GARY OGEMA 459-2872 02/09/96
HF> KNWD TS 520, MANUALS, HAND MIC, BUILT IN 110V PWR SPLY ($300)

S VE5RP PERCY SASKATOON 668-4619 01/31/96
MIC> HANDHELD MIKE 8 PIN ICOM IC HM7 ($25)

S VE5RP PERCY SASKATOON 668-4619 01/31/96
MIC> HANDHELD MIKE 8 PIN YAESU MH-1B8 ($25)

S VE5RP PERCY SASKATOON 668-4619 01/31/96
MIC> TURNER BASE MIC 454C ($20)

S VE5YK SYL SASKATOON 382-3894 01/25/96
PATCH> KENWOOD PHONE PATCH PC-1 ($60)

S VE5KC KEN BATTLEFORD 937-3944 02/02/96
PROC> SPEECH PROCESSOR MODEL 60 BY MATRIC FOR OLDER RIG ($50 BO)

S VE5SZ JOHN MINTON 969-4600 01/27/96
RCVR> HR 20 HEATHKIT HAM BAND RCVR AND POWER SUPPLY (OFFERS)

S VE7BKH BOB VICTORIA FOR 7P 604-384-7980 02/09/96
RCVR> KENWOOD R5000 ($750)

S VE7BKH BOB VICTORIA FOR 7P 604-384-7980 02/09/96
RCVR> YAESU FRG7 RECEIVER WITH MANUALS ($125)

S VE5YK SYL SASKATOON 382-3894 01/25/96
SCAN> PRO 2010 SCANNER ($50)

S VE7BKH BOB VICTORIA FOR 7P 604-384-7980 02/09/96
SCOPE> KENWOOD SM 200 SCOPE WITH PAN 8 ADAPTER ($300)

S VE7DKQ ROY CLEARWATER 604-674-3614 01/27/96
TRANS1> BARKER & WILLIAMSON TRANSMITTER, MODEL 5100, AM MODEL

S VE7DKQ ROY CONTINUED 604-674-3614 01/27/96
TRANS2> 51 SD SIDEBAND GENERATOR, NICE CONDITION, WILL TRADE

S VE5AC HARV MOOSE JAW 693-6127 02/09/96
TUNER> DENTRON MT 2000A 2 KW ANTENNA TUNER ($175)

S VE7RRL BOB WILLIAMS LAKE 392-7816 01/27/96
TWIN> KENWOOD TWINS T599E TRANSMITTER, T599D RCVR, MIC, MAN
($375)

W ------- ---------- WANTED ------- ------------ / /

W VE5DC JERRY SINTALUTA 727-4917 02/16/96
2M> 2M MOBILE FOR VE5KPE KEITH 698-2852

W VE5GO JOHN MARGO 324-2078 01/25/96
2M> 2M RIG, REASONABLY GOOD, REASONABLE PRICE

W VE6EX DAN CALGARY 403-640-1623 02/09/96
AMP> DESKTOP ALL BAND LINEAR AMP 1 KW OUTPUT, INCLUDING 160 METRES

W VE4AMW AL FLIN FLON 687-3964 02/16/96
HT> DUAL BAND HT

W VE5AE VIC NIPAWIN 862-4872 02/16/96
INFO> TUNE UP INFO FOR GE EXEC OR GE EXEC II OR PHOTOCOPY OF MANUAL

W VE6LS AL EDMONTON 403-434-7085 02/16/96
MONITOR> SM 220 OR SM 230 STATION MONITOR FOR 940

W VE5AC HARV MOOSE JAW 693-6127 02/09/96
MOTOR> PROP PITCH MOTOR FOR ROTOR, 24 VOLTS DC

W VE4AMW AL FLIN FLON 687-3964 02/16/96
ROTOR

W VE5GS GORD MEOTA 892-2101 01/27/96
SQUELCH1> PL SQUELCH SENDER, MOCOM 70, TLN 6823A,

W VE5GS GORD CONTINUED 892-2101 01/27/96
SQUELCH2> Z2 FREQ 110.9 CYCLES

END

2416. What is an HP 8660B?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-17 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <824550633snz@microvst.demon.co.uk>
Source record: 205594
Cross-posted to: rec.radio.amateur.equipment,uk.radio.amateur

I have been offered an HP 8660B (Keyboard Mainframe Sig Gen), including the appropriate Mod and RF Sections, but the unit is a mystery to me. It looks just like the 8660C but I can't find this B model in any of the H-P T&M catalogs I have access to. I can only see A's C' and D's through 1989.

Has anyone heard of this instrument and can tell me any and all differences bewteen the B and C models? I heard that one must throw an internal switch to tell that mainframe of a change in RF Section tuning range, while it is automatic in the 8660C, but that is about all I know.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

2417. Re: WTB:5KW AM Transmitter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-17 00:00:00 UTC
From: Roland S Geter PhD <roland@mycronet.com>
Message-ID: <4g41pi$ica@news1.goodnet.com>
Source record: 205595
Cross-posted to: aus.radio.amateur.misc,aus.radio.amateur.wicen,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.swap

What are you going to do with it?

Roland S Geter PhD
Internet: roland@mycronet.com
Packer: WB6LNA@kc7y.az.usa.noam

2418. Re: WTB:5KW AM Transmitter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-17 00:00:00 UTC
From: Roland S Geter PhD <roland@mycronet.com>
Message-ID: <4g41rv$ica@news1.goodnet.com>
Source record: 205596
Cross-posted to: aus.radio.amateur.misc,aus.radio.amateur.wicen,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.swap

What are you going to do with it?

Roland S Geter PhD
Internet: roland@mycronet.com
Packer: WB6LNA@kc7y.az.usa.noam

2419. WTB HP5082-2900 diodes (not from I.R.&C.)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-17 00:00:00 UTC
From: kk5dr@bga.com
Message-ID: <4g5eip$nep@giga.bga.com>
Source record: 205597

I need 4 to 8 of these diodes, but I don't want to pay more than $4 each.

2420. Re: Information sought by new Tech

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-17 00:00:00 UTC
From: biekert@phoenix.net
Message-ID: <4g5el8$945@gryphon.phoenix.net>
Source record: 205598
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.swap,alt.radio.amateur.club.clarc,rec.radio.amateur,rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.packet,rec.radio.amateur.policy,rec.radio.amateur.space

Hi,
First I would be sure to get a unit that does both UHF/VHF. There are now more UHF repeaters in some states (Texas for instance) than VHF! The Yaesu 5100 is a good choice as are some of the kenwood, icom, and alinco models. I like the one that allow for 2 V's or 2 U's as well as a V and a U at same time.. so look for that.

For satellite work you need All mode rigs (CW/SSB).. they are considerably more expensive than the FM variety. You can use transverters from an HF rig, but you will lose features like auto doppler shift correction etc. AND if you want to work some of the satellites that have UHF/VHF/HF capabilities it becomes difficult with the transverters in line.. but not impossible.

Get a good FM Dual bander... learn about the hobby from a local club, see if others are into satellites and find out what works for them. Grab the general/advanced and then have fun!!

73 hope this helped a bit.. perhaps others will comment.

If you want to join our listserver (we are in Houston TX) you may do so and post your question out there... to subscribe

email to listserv@mailserv.phoenix.net
<no subject)
sub clarc
<blank line>
<send it>
Then after you have subscribed, send your questions to
clarc@mailserv.phoenix.net

To unsub, repeat above and say unsub clarc

Several of our members are into satellites.

73 Bob

Bob Biekert -- Houston Texas
WormHole Development Team Project Lead

2421. Re: looking for mods for IC-T22A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-17 00:00:00 UTC
From: jmb@eden.com
Message-ID: <4g3n0m$h4u@boris.eden.com>
Source record: 205599

David_Edger@fforum.blkcat.com (David Edger) wrote:

>Sorry I have no mod for the radio, but I was curious how you like it so
>far? How is the sensitivity of the receiver and the battery life? The
>price of that rig makes it very attractive, but I have not had the
>chance to paly with one myself.
>Thanks for any info. 73

I've had one for about 4 months and I like it. The receiver is more
sensitive than my DJ580T and the battery lasts longer (on receive)
too.

BTW, To open the receiver press the B and # while turning on the
radio. Wait for 5 seconds before you release these buttons. This is
the only mod I know of.

73,
John

2422. Re: Microphone/Speaker Plug for FT-10R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-17 00:00:00 UTC
From: wd6dih@ix.netcom.com
Message-ID: <4g3tfm$sde@reader2.ix.netcom.com>
Source record: 205600

Hi Bill,

Order the CT-30 "Y" adaptor from your dealer or Yaesu. It runs around
$9-$10 and converts the single jack to a standard twin plug which is
easy to hook up to packet stuff.

73's

Kevin, WD6DIH

In <4fgj7q$b5s@suba01.suba.com> byoung@qni.com writes:
>
>Folks,
>
>I've got a nice, new FT-10R that I'm *VERY* fond of...
>
>My only problem is finding the "oddball" plug for the
>microphone/speaker jack so that I can wire up a TNC
>and a second-hand spreaker/mic.
>
>It's a 3.5mm four conductor mini phono plug. I've tried
>my local vendors, a number of catalogs, and (believe
>it or not!) Yaesu themselves. Nobody has the part.
>
>Suggestions?
>
>Bill Young
>byoung@qni.com
>KB0UZQ

2423. Re: Helping a begginer can be your good deed for the week

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-17 00:00:00 UTC
From: cv282@FreeNet.Carleton.CA
Message-ID: <DMwpH9.EtK@freenet.carleton.ca>
Source record: 205601

Tyoei (tyoei@eworld.com) writes:
> I am a person. A person interested in Radio transmitting. A person who
> wants to know what hardware one would need to send and receive messeges
> using a radio transmitter. Help is greatly appriciated.
>
> <<<<<<tyoei@eworld.com>>>>>>>

What you need to send messages using a transmitter is:
vocal chords
tongue
mouth air
microphone
antenna

Now attach both the antenna and microphone to the transmitter.
using air from your lungs, form words with your vocal chords.
Talk into the microphone. (with the PTT pressed)
You are now sending a message to another person.
Release your PTT and place your ear close to the receiving speaker.
your are now receiving (maybe) a message back.

--

□
cv282@freeNET.carleton.CA
purdon@ott.ve2sux.ampr.org
□

2424. Re: Information on equipment sought by new Tech

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-17 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb17.034147.19275@ke4zv.atl.ga.us>
Source record: 205602
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.space

In article tomz@premier1.net (Tom Zoch) writes:
>
>I am going to be taking my Tech tests on Saturday (2/17) and am now starting
>to look in to what type of radios to get. I plan to put a 2M Mobile in my
>truck and get a more substantial base for home.
>
>For home I'm looking into Base Multiband / Multimode Transceivers and trying
>to decide what will be my best bet. I was thinking of one that would cover
>at least 2M and perhaps 70cm. I am interested in working into Satellite and
>EME as well as FM and perhaps some local CW, 12V operation would be a plus
>but not a major requirement. I do plan on upgrading to at least General with
>in the next year and expanding also into some HF as well. So I would want to
>take that into consideration as well. possibly using Transverters get to the
>higher freqs for satellite and EME and going with a more basic UHF/VHF base
>unit.
>
>For the mobile unit I was thinking of a rather simple 2M unit for repeater
>and simplex FM. I live in a rather remote area in the western foothills of
>the Cascades so I think one of the higher output power units would be in
>order. I was considering picking up one of the new Radio Shack units. As far
>as I can tell it has most everything I am looking for at a reasonable price.
>From the cross talk I have seen on the net and the write up in CQ (VHF) it
>seems to be a good choice.
>
>I would like to take advantage of the wealth of experience of those out here
>on the net and get some input from you as to what you think. Suggestions on
>equipment to get or avoid as well as things to look for or useless features
>to not even consider. For me price, value and reliability are important, I
>have a modest but hopefully adequate amount set aside for starting up and
>want to use it wisely.

The Radio Shack mobile is Ok, but wait for it to go on sale. There are
many other 2 meter radios that will also fit your needs. The used market
will offer you the best value. For example, the IC-28H was one of the first
"high power" compact 2 meter mobile rigs, and it is available used at
attractive prices. However, you might want to think twice about other
miniature mobile rigs if you need high power. While the IC-28H had adequate
heatsinking for extended high power operation, many of the other rigs do not.
An alternative is a lower power radio and a brick amplifier. You can find
tons of 10 watt class 2 meter radios on the used market cheap, and a brick
isn't too expensive. That can give you 160 watts.

You've also got to consider environmental factors. If temperature
extremes and rough off-road driving are factors, you need a radio

that will hold up under those conditions. Yaesu has some "milspec" radios that might meet the need. They're a bit larger than the current crop of tiny radios, but still small enough to be practical for mounting in a truck.

Also, don't forget a high performance, and rugged, antenna. Antenna gain works both ways, transmit and receive, so it is more valuable than just a high output radio. A NMO mounted Larsen 5/8ths wave antenna may be just the thing to put on top of the truck. If you travel into the outback regularly, a collapsable yagi and a push up pole might ride in the truck for those times when a bit more gain and height would make the difference (obviously for use when you're stopped). Good coax is a must, don't throw away your power in cheap coax.

For the base rig, your choices are quite a bit more limited. For a 2 meter only multimode, the IC-275H is the unquestioned champ. But for satellite, the tried and true FT-736R 2m/70cm *duplex* radio remains the favorite of satellite operators. Beware of the Kenwood TS-790A, it has problems for satellite use, and a bad thermal design and poor user interface to boot. The IC-820H is a bit quirky for satellite use, and the IC-970 is too expensive for your budget.

An option for the soon to be General is the new IC-706. It is both HF and 2 meters. That still leaves you looking for 70 cm equipment for satellite operation, however. And while the radio is nice (very nice), it isn't completely top of the line in terms of raw receiver performance. If you're thinking of HF mobile, however, and need a radio to do dual duty, it is a very attractive and cost effective option. It is 100 watts on HF and 6 meters, and 10 watts on 2 meters. So use of a brick to bring the 2 meter side up to 160 watts would make a potent mobile or base combination for HF through 2 meters all mode. (If I could have only one radio, I think this would be it.)

HF only radios and transverters are an option, but beware, there are several potential gotchas here. First, the number of suitable transverters is limited, and the number of HF rigs that work well with transverters is limited too. The SSB Electronics transverters are about the only commercial choice. They're very good, but also expensive. Second, you need to listen at the same time that you transmit for satellite operation, and that means two transverters and *two HF radios* because most (if not all) HF radios won't operate full duplex. Of course, one of the HF rigs can be only a receiver, but it needs to be a good one, and there are few of those on the market today.

You could pair a two meter all mode with a HF rig and 70cm transverter. That would work all right for satellite, but now you have 3 boxes to deal with, and a fair hunk of change invested. Or you could use a 70cm all mode, like the excellent

IC-475H, and a 2 meter all mode like the IC-275H (makes a *wonderful* Mode B station), but now you don't have HF, and the pair costs quite a bit more than a FT-736R.

The 2 meter rig *could* be the IC-706, however, paired with an IC-475H for 70cm, and then you'd have HF too. That's an interesting combination.

Again, I'd advise that there are tons of used rigs out there. You *can* find excellent buys on used HF equipment, such as the fine IC-735, and many many choices for FM VHF/UHF rigs. Where things get a bit tight are in the multimode VHF/UHF market and the transverter market. There have been many fewer of those sold, and some aren't very good, so you might have a hard time finding what you need on the used market.

And finally, you can *build*. That's not as popular as it once was, but thanks to high integration parts, and some excellent designs, you can build credible equipment for VHF/UHF FM or SSB, and even for HF. VHF FM rigs are almost trivial to build today, and thanks to Rick Campbell (and the new DDS chips), single band SSB rigs up through 70cm are also a snap. A multiband HF rig could be daunting, however, due to all the required filters and switching.

The real drawback to building is packaging. Making something homebrew look nice and be easy to operate is still not trivial. However, microprocessors can take much of the pain out of the user interface, and Ten-Tec sells some nice cabinets. This probably isn't the right approach for a new ham though. You do need some skills besides being able to solder to successfully build a quality rig from scratch.

You can basically forget kits, most of them offer less performance, and higher cost, than commercially built equipment (especially if bought used) and teach you little other than how to follow directions and solder. Some kits can be used as *subassemblies* however, such as the Kanga kits of Campbell's designs, the Down East Microwave kits, and some of Ten-Tec's kit offerings such as their 6 meter transverter (you can't buy a 6 meter transverter for what Ten-Tec gets for their kit). FAR Circuits also performs a real service by offering boards for popular circuits at low cost. This takes a lot of the pain out of building, though if you use SMD parts, making your own boards isn't hard. Accurately registering all those through holes is what makes PC board fabrication difficult for the home builder.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2425. Re: Yaesu MH-27 Microphone

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-17 00:00:00 UTC
From: wd6dih@ix.netcom.com
Message-ID: <4g3u6p$bqj@ixnews4.ix.netcom.com>
Source record: 205603

Hi Al,

The A B C D buttons are used in the same way that the 1-9 keys are.
They add 4 additional DTMF keys for controlling repeaters or making
autopatches. Our repeater group uses them for some DTMF codes.

That's It !!!

Have fun with your radio..

73's

Kevin

In <4fm877$8r1@linus.mitre.org> Al Wong <alwong@mitre.org> writes:
>
>I have just purchased a Yaesu FT-5200 with the MH-27 w/DMTF
microphone.
>The problem is that there were no instructions on for the microphone.
My
>question is what is the A B C D buttons for? The 5200 manual does
point
>out the fact that the P button is non-functional on the 5200.
>
>Any response/help would be greatly appreciated.
>
>--
>Al Wong The above opinion does not reflect that
>KF4GDD of my employer. As with ALL my opinions,
>alwong@mitre.org I write them, you intrepret them.
>
>

2426. FS -- SHURE 450 DESK MIC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-17 00:00:00 UTC
From: Bill <debral@falcon.cc.ukans.edu>
Message-ID: <1996Feb17.210207.114217@kuhub.cc.ukans.edu>
Source record: 205604

SHURE MODEL 450 desk mic

Selectable impedance:

HI-Z = 15K ohm
LO-Z = 215 ohm

$35.00

I will pay all shipping and C.O.D. fees to any address
in lower 48 states.

Bill
AA4FM/0

2427. Heathkit 4802 Computer 'scope software

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-17 00:00:00 UTC
From: Ed Coan <ed@aloha.net>
Message-ID: <3125A7DD.61A9@aloha.net>
Source record: 205605

Does anyone have, or know a source for, the software for the Heathkit 4802 Computer Oscilloscope?

Thanks, Ed AH6MI

2428. BEWARE OF DEALING WITH DERRICK HALL, SEATTLE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-17 00:00:00 UTC
From: jon scott <jcscott@jcscott.isdn-hywr.pacbell.com>
Message-ID: <NEWTNews.824617653.11675.jcscott@jcscott1.isdn-hywr.pacbell.com>
Source record: 205606
Cross-posted to:
rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,alt.radio.scanner

BEWARE OF DELAING WITH DERRICK HALL OF SEATTLE, WASHINGTON!

On November 17, 1995 I sent him a money order (as he and I agreed) for a PK232. He claims to have sent the package but that it was returned. I assured him that the address in my letter that accompanied the money order was correct (a mail center) and to resend the package. As you dear reader, have guessed by now, no package.

I have called Mr. Hall on 12/1, 12/11, 12/12, 12/13, 12/17, 12/18, 12/19,12/20/95, 1/2/96, 1/15, 1/22, asking for either PK232 or return the money! No money, no PK232.

He sent me this message:

*** Forwarding note from DERRICK --PB1 01/22/96 16:05 ***
"To: jcscott@PacBell.COM

Subject: NOTE 01/22/96 16:05:00
I Got your message, that you call this morning. I sent your Money order in the mail on friday, I think it was after 5:00 when the mail stops up here so it should have went out on saturday. It does not matter if you try finding my employer be cause I am the employer so if you wanted to say someting you could call me up. Why do you think i be gone so much. Well anyways your money should be comming with in a few days. And don't call me back!!!!!!!"

I attempted to respond with:

"Subject: NOTE 01/22/96 16:05:00
Derrick
I have called and paged you numerous times with no return call. Specifically I called and left messages on 12/11, 12/12, 12/13, 12/17, 12/18, 12/20, 1/2/96, 1/15, and 1/22.

I originally mailed you the money order on 11/17/95 so you can see why I upset about "no communication" from you, no PK232, and no returned funds.

When the money shows up I will cease to call and bother you.

NOTE 01/22/96 16:05:00" F

My response to hime was rejected. The postmaster on his system responded with:

" Subject: Identify User
Your email to Derrick Hall is being rejected because he has run out of credits. When he purchases time, he will be able to receive email again."

I called Mr. Hall again on 2/6 and 2/15, same results, no money, no PK232. On 2/15 I offered to mention his business practices on the net and this note is the result.

If any body in Seattle reads this and employees this man (I think he is an independent contractor) be sure you are getting good value for your time and money. He is not very honest in his dealings on the Internet.

Jon Scott

2429. Re: HELP, EFFECTIVENESS OF LINEARS ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-17 00:00:00 UTC
From: Gary Davidson <reporter@sparc1.castles.com>
Message-ID: <4g50hm$1qb@miwok.nbn.com>
Source record: 205607

dnorris@k7no.com wrote:

>Skill will triumph over technology _almost_ every time.
>
>
>73/dX cdn
>
BUT, if you REALLY want to "triumph", add technology TO skill, and
REALLY wail! Amplifiers in amateur radio are what Corvettes are to
automobiles - not for everyone, but a real BLAST when called upon to
perform. You won't need one every day, but when the going gets tough and
you really do want to be heard, it's sure nice to reach over and hit that
nitrous, er, "on" switch...

Gary... KJ6Q... I am the NRA | Annoy a Liberal - say NO to gun control!
========================== | Annoy a Democrat - say BYE BYE CLINTON!*
"Did you come here to *LEARN*|==================================
or to nose around, make rude | "It's *EASY* to be a liberal, it's
noises & provide proof our | OTHER people's money you are giving
educational system stinks?" | away! (or living off of!)

2430. Re: Alinco DX - 70T

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-17 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb17.165821.21812@ke4zv.atl.ga.us>
Source record: 205608

In article <3123B9DF.2A1E@csg.mot.com> Paul Moller <Paul_Moller@csg.mot.com> writes:
>About the absence of 2m in the DX-70. Just how many bands does one need
>in a single box with a limited number of antenna connectors and only one
>microphone? Frankly, if the IC-706 was available without 2m that would
>be fine with me. I just don't see that the hf radio and 2m radio should
>be in the same box unless there is an antenna connector for each band,
>and the ability to cross band or go full duplex from one band to the
>other.

Of course the IC-706 does have a separate antenna connector for
2 meters. It doesn't do simultaneous receive on 2 bands or operate
full duplex though. That's admittedly a drawback compared to separate
rigs.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2431. Re: Helping a begginer can be your good deed for the week

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-17 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb17.172934.21971@ke4zv.atl.ga.us>
Source record: 205609

In article <4g2tov$orm@hp5.online.apple.com> tyoei@eworld.com (Tyoei) writes:
>I am a person. A person interested in Radio transmitting. A person who
>wants to know what hardware one would need to send and receive messeges
>using a radio transmitter. Help is greatly appriciated.

Well, in addition to the transmitter itself, you need some sort of
I/O device. That could be a Morse key, a microphone, or some sort
of data modem. And, of course, if you want to receive too, you need
a receiver. An antenna is required as well. But most important is
the knowledge needed to make it all work properly and legally. A
start on that knowledge could be obtained by the studying you do
to get the (required) license.

Gary

--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2432. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <824669739snz@microvst.demon.co.uk>
Source record: 205460
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In article <4g3alc$13tl@chnews.ch.intel.com>
cmoore@vegas.ch.intel.com "Cecil A. Moore~" writes:

> N5AQM and I proved that following the above rules-of-thumb
> bought me 5 dB on 75m. I don't know how that 5 dB was split
> between the tuner and the balun.

That implies you are losing nearly 70% of your power. At QRO, you will
need to force-air cool your ATU to keep shifting 1kW of heat out of it or
see a rapid melt down.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

2433. Re: Periphex Inc-still ar

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: barry@w2up.wells.com
Message-ID: <H4ciJD2w165w@w2up.wells.com>
Source record: 205461

Clint.Bradford@228.woodybbs.com (Clint Bradford) writes:

>
>
>
> >>They refused to honor the warranty and exchange them. Let the buyer
> >>beware!
>
> I'll bet you a new battery that you haven't told us the ENTIRE story.
> My dealings with Periphex have been all positive over the past few
> years.
> ---

That's the whole story. What more do you want? Oh yes, I did write a
letter of complaint to ARRL as they supposedly support their advertiser's
integrity, but I just got a form letter in return.

--
==
Barry N. Kutner, W2UP Internet: barry@w2up.wells.com
Newtown, PA Packet Radio: W2UP @ WB3JOE.#EPA.PA.USA.NA
Packet Cluster: W2UP >WB2R (FRC)
....

2434. Re: ICOM IC 706 AIRBAND-Transmitter 10 Watt

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4g7vu2$333@newsbf02.news.aol.com>
Source record: 205462

Hi Chris,

The FCC very specifically prohibits the inclusion of any simple device or system that allows the radio to volate the conditions of type acceptance. It's very plainly written that any device that includes such a system is in violation of type acceptance, and the manufacturer can loose type acceptance, be fined, and be forced to recall or correct devices that have been sold.

So here's my point, if *REAL* Hams enjoy ten meters on amps, enjoy buying a six meter amp, enjoy modifying a radio for MARS or CAP, or use the radio for legimate work applications they should refrain from posting illegal (yes the mods are ALL illegal) mods on internet.

If too many devices wind up creating a problem, either by CB'ers using them outside the CB band or some idiot using the radio on an emergency channel, the FCC will start to look at everything a little closer. I can say this much from direct experience, if the person reviewing the FCC file suspects the devices will be used outside type-acceptance, the device won't get approvial. It will fail testing over and over again.

We should think what may eventually happen before we "wink wink" or "nudge nudge" ourselves into an unwanted restrictive situation with cute, coy or fully open public descriptions of how to violate type acceptance on the net. Let's not make any legitimate manufacturer trying to make things easy for HAMs suffer because of these internet postings.

The mods are illegal, because even the ability of the equipment to be modified is illegal! And that's true even for a licensed amateur.

It's just intentionally "overlooked" when the use is legit. Let's not spoil that.

73 Tom

In article <4g2vde$neo@news.ccit.arizona.edu>,
cweddle@astro.as.arizona.edu (Chris Weddle) writes:

>Actually, there is absolutely nothing wrong with modifying radios. The
FCC
>frowns most severely on transmitting from said radios outside of the
amateur
>bands. They also look upon the fact that the radio was modified as proof
that
>the radio has been used out of band. Now that's very rude.

2435. WANTED: Mods for ICOM T21A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: mlamb@sunny.ncmc.cc.mi.us
Message-ID: <4g820p$npl@srvr1.engin.umich.edu>
Source record: 205463

Anyone have mods for ICOM T21A HT 2m handheld? Let me know. Thanks.

mlamb@sunny.ncmc.cc.mi.us
KB8VBA

2436. WANTED: Remote Speaker/Mic Project Ideas

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: mlamb@sunny.ncmc.cc.mi.us
Message-ID: <4g837r$npl@srvr1.engin.umich.edu>
Source record: 205464

I have a 2m rig set up in the kitchen...I want to wire the audio to 4 or 5 different location, inside and outside my house...I would like to have a cheap mic hooked up at each location I have a speaker. Has anybody ever made a project like this? Any suggestions?

KB8VBA, Michigan
mlamb@sunny.ncmc.cc.mi.us

2437. ICOM IC 706 AIRBAND-Transmitter 10 Watt

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9602182052.AA18443@noldor>
Source record: 205465

Correction : I would bet Icom would NOT do Warranty service on a Radio
(i.e.:IC-706) that way modified to transmit DC-light!

Date: 18 Feb 96 17:06:40 GMT
From: aust@gandalf.sp.TRw.COM (Mike Aust)
Subject: ICOM IC 706 AIRBAND-Transmitter 10 Watt

I would bet Icom would NOT do Warranty service on a Radio
(i.e.:IC-706) that way modified to transmit DC-light, and
probably would not honor the service warranty.
They might even restore it to stock condition, and charge
you for doing that service!!
In California, a couple of hams had their HT's taken away
by the Sherrif Department for transmitting for help on their
frequencies.
You do the mod, break the law, be prepared to pay the price,
via the manufacturer when needing a repair or thru violation of
using a non-type acceptance radio on a service.
I am a reserve, with a serice that does law enforcement,
I listen to them on my ham HT, but I use my commerical Bendix
King HT when talking with them, with callsigns assigned by
them.
73
Mike

2438. Reply Too Chris N7RME about RH250

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: braymer@sunbelt.NET
Message-ID: <01I1D4Z93JYO8WXOAR@SUNBELT.NET>
Source record: 205466

Chris i read your comment about my listening of a Regency RH250 radio.The RH250 was tune too the two meter ham bands and a touch tone pad was added for use too a audiopatch on most repeaters.The key pad that come on the is still on this radio and working,Its also use too program the radio on what every freq you want and also set the pl's up.Sound like you dont know what your talking about and have never seen or even use a Regency RH250 commercial radio.

from Bobby Raymer AD4HL Algood,Tennessee

2439. WTB 160-10m Linear Amp

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: Dave Heil <K8MN@clinet.fi>
Message-ID: <4g830s$4g5@news.clinet.fi>
Source record: 205467

Still looking for a reasonably priced, clean 160-10m linear amp (3-500z finals) and also interested in a "traveling amp" with four 811As or 572Bs, perhaps even a single 3-500z. Dentron 160-10L would be super.

Easy mailing to my A.P.O.

73,

Dave OH2/K8MN
U.S. Embassy Helsinki, Finland

2440. Re: ICOM IC 706 AIRBAND-Transmitter 10 Watt

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <4g8ak1$bcr@abyss.West.Sun.COM>
Source record: 205468

In article <9602181706.AA18096@noldor>,
Mike Aust <aust@gandalf.sp.TRw.COM> wrote:
> I would bet Icom would do Warranty service on a Radio
>(i.e.:IC-706) that way modified to transmit DC-light, and
>probably would not honor the service warranty.
> They might even restore it to stock condition, and charge
>you for doing that service!!
> In California, a couple of hams had their HT's taken away
>by the Sherrif Department for transmitting for help on their
>frequencies.

We all remember this quite well. Local jurisdictions don't always care
about or even understand Federal law. That would not stop, for an
instant, from using whatever means necessary to get help in a bona fide
emergency. Anyway, as I recall, the county supervisors
instructed the sheriff to give the radios back, someone
correct me if I'm wrong.

> You do the mod, break the law, be prepared to pay the price,
>via the manufacturer when needing a repair or thru violation of
>using a non-type acceptance radio on a service.

Doing the mod does not automatically imply breaking the law.
Even using a modified radio in an emergency does not imply
breaking the law, though it often comes down to how elightened
your local law enforcement agencies are.

> I am a reserve, with a serice that does law enforcement,
>I listen to them on my ham HT, but I use my commerical Bendix
>King HT when talking with them, with callsigns assigned by
>them.

As well you should. That has nothing to do with using whatever
means necessary to get help in a bona fide emergency.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *

2441. tower needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: jandp@ix.netcom.com
Message-ID: <4g897k$9sn@ixnews4.ix.netcom.com>
Source record: 205469

I am looking for a good used tower between 40' and 60' with all
necessary mounting hardware. Will consider complete units
(tower,rotor,mast, ect.). Must be in northern Utah area. Will pick up.
Must be reasonable in price. NO junk!! E-mail if you have one.

Paul

2442. For Sale: General Electric Manuals

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: kd6kml@napanet.net
Message-ID: <4g862h$iod@taz.napanet.net>
Source record: 205470

I have General Electric service manuals from the late 50's to the late 80' for sale. I also have some Motorola, also. I will sell complete manuals or just the sections you need. Please contact me via e-mail for prices and availibility. Also, if you would, please include a phone number and the best time to reach you.
JOSH KD6KML
kd6kml@napanet.net

2443. Re: ICOM IC 706 AIRBAND-Transmitter 10 Watt

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <4g8cb2$br7@abyss.West.Sun.COM>
Source record: 205471

In article <4g7vu2$333@newsbf02.news.aol.com>,
W8JI Tom <w8jitom@aol.com> wrote:
>Hi Chris,
>
>The FCC very specifically prohibits the inclusion of any simple device or
>system that allows the radio to volate the conditions of type acceptance.
>It's very plainly written that any device that includes such a system is
>in violation of type acceptance, and the manufacturer can loose type
>acceptance, be fined, and be forced to recall or correct devices that have
>been sold.

So, what about radios that aren't type accepted, like amateur equipment
other than external power amplifiers used below 144Mhz? In fact, amateur
equipment used below 30MHz doesn't even require Part 15 notification.

>So here's my point, if *REAL* Hams enjoy ten meters on amps, enjoy buying
>a six meter amp, enjoy modifying a radio for MARS or CAP, or use the radio
>for legimate work applications they should refrain from posting illegal
>(yes the mods are ALL illegal) mods on internet.

No, not all mods are illegal. Please cite specific laws stating so.
Yes, it generally is illegal to use a radio in a service for which
it is not approved, but it is not illegal to simply modify a radio.

>If too many devices wind up creating a problem, either by CB'ers using
>them outside the CB band or some idiot using the radio on an emergency
>channel, the FCC will start to look at everything a little closer. I can
>say this much from direct experience, if the person reviewing the FCC file
>suspects the devices will be used outside type-acceptance, the device
>won't get approvial. It will fail testing over and over again.

Which won't stop a single amateur transceiver from being sold under
the current law, since none of them are required to meet type acceptance
rules. Amateur receivers over 30MHz must be tested for part 15
compliance and the FCC notified, but this has nothing to do with
transmtting on emergency channels - it is the receiver.

>We should think what may eventually happen before we "wink wink" or "nudge
>nudge" ourselves into an unwanted restrictive situation with cute, coy or
>fully open public descriptions of how to violate type acceptance on the
>net. Let's not make any legitimate manufacturer trying to make things easy
>for HAMs suffer because of these internet postings.

Not bad advice, but not really meaningful when anyone can buy several
different books describing mods, with pictures in some cases.

>The mods are illegal, because even the ability of the equipment to be
>modified is illegal! And that's true even for a licensed amateur.

This is simply not true. There is no type acceptance for amateur equipment other than HF/6m external power amplifiers. It is not illegal for an amateur to modify a power amplifier for 10m and 6m operation, as specifically spelled out in Part 97.315. There is Part 15 notification required for amateur receivers operating over 30MHz, but this is only for receivers and is not type acceptance.

>It's just intentionally "overlooked" when the use is legit. Let's not
>spoil that.

That's simply not the case. As mentioned above, there is no type acceptance of amateur radios to be violated by modifying the radio. There *are* type acceptance requirements for other radio services (most notably Part 90 (Land Mobile Radio Service) and Part 95 (CB and GMRS)) that prohibit the use of modified amateur radios, but that only applied when those radios are used in those services. If you've got a modified radio as the IF in your 2.4GHz transverter lash-up, you're not breaking any law.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *

2444. Yasue FT690Rii

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: ax756@lafn.org
Message-ID: <1996Feb18.184439.27641@lafn.org>
Source record: 205472

in very good condition .... includes tone board,batt
case,bracket,manaul,box,10 watt amp asking 475 dollars or best offer

2445. FS PK-88 TNC $99

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: tamurray@iquest.net
Message-ID: <Dn02xA.GDK@iquest.net>
Source record: 205473

I have an A.E.A. PK-88 TNC with cable for Icom IC-275, original
cartorn, owner's manual, and Pakrat for Windows (or DOS). There are a few bits
of paint chipped of the cabinet, but unit is electronically perfect.
Please e-mail Tim at tamurray@iquest.net. Thanks in advance.

2446. Re: Cheap, portable HF receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: jshaffer@pennet.net
Message-ID: <19960218.79E2588.14FCA@pennet.net>
Source record: 205474
Cross-posted to: rec.radio.amateur.equipment,rec.radio.shortwave

In article <4g6b9c$rib@news.inc.net> Will Flor <willf@rrgroup.com> writes:
> >
> > Radio shack DX-390, $220
>
> like asking for trouble IMHO. The external antenna jack on the DX-390 only works
> when receiving MF signals like broadcast AM, not SW.

Funny thing, that antenna jack. Mine works for shortwave, albeit not as good
as attaching to the whip. In fact, according to the manual, it's *supposed*
to work for shortwave, and *only* shortwave. But I've found that mine works
for mediumwave and longwave too, if you don't mind a little overloading (to
the point of unusability on longwave).

--
* From the disk of: | jshaffer@pennet.net | "there's a hell of
Jim Shaffer, Jr. | /\v/\ // | a good universe
37 Brook Street | This signature // | next door; let's go"
Montgomery, PA 17752 | under construction. \\// | (e.e. cummings)

2447. FS: Icom W21AT with full cellular!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: Dave Campbell <campy@falcon.cc.ukans.edu>
Message-ID: <1996Feb18.231354.114320@kuhub.cc.ukans.edu>
Source record: 205475

For immedeate sale:

- Icom W21AT Dual band handheld with 50-999MHz recieve
- Two BP-157 battery pack with built-in whisper mike for full duplex
- Wall charger
- Manuals and schematics

I used this radio only for Rx at home (nice for it's wide coverage), but I just got a new base scanner that does the same job with more 'scanning' features (more memories, but no cell...). I need to sell this radio to pay off the scanner bill that will be coming in the mail any day now. Everything is in like-new condition, no scratches or markings of any kind. I'd like $400 for the lot, but the best offer will get it. Also, to fastest offer will get it!

Thanks,

Dave

+===+
|Dave Campbell (913)832-0980 Home |
|213 Woogate Place (913)681-6950 KC Home |
|Lawrence, Kansas 66049 (913)681-6951 Fax |
| Freelance Graphic artist for hire! (816)870-9673 Pager |
+---+
| http://falcon.cc.ukans.edu/~campy <--<<< Go on, check it out! |
+---+
|"Bow down before the one you serve, GO |
| you're going to get what you deserve" NIN HAWKS! |
+===+

2448. FS: Jenning Vacuum Caps

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: Robert Rolfness <rsrolfne@atnet.net>
Message-ID: <Pine.BSD/.3.91.960218143305.12297D-100000@ami.atnet.net>
Source record: 205476

I have two models of Jennings Vacuum Variable Capacitors for sale at $60 each. These are type UCS-375 375 pfd. max at 14,000 volts and type UCS-750 750 pfd. max at 14,000 volts.

Bob, W7VZX

2449. List Ham Classified ads FREE-->http://www.csz.com/sarrio.html

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-1802960157510001@host26.cyberg8t.com>
Source record: 205477

The Raymond Sarrio Company's Ham Radio WWW site is proud to announce a FREE Ham Radio classified advertising page at http://www.csz.com/sarrio.html. This new classified page will allow Hams to find equipement with the help of a search engine--no need to scroll through 100's of listing before you find that special piece of gear. Plus, when you find the gear you'er interested in, you are also provided with easy point-and-click e-mail access, directly to the Ham that listed the item.

For those Hams with gear to sell, take note! there is NO charge to list your equipment within Ham Classifieds, and there will be no posting time delays. Your posting(s) will go on-line, in our classified search engine, in about 1 hour. All you need do is fill out a simple forms page, and upon its (point-and-click) submission your "For Sale" classified is immediately on-line.

```
I will be purging the classified listings initially, about once every
month, but that timeline will shorten as our classified numbers grow.
```

73's, Ray
--
Visit the Raymond Sarrio Co. Ham Radio Web site http://www.csz.com/sarrio.html
Extensive discount Catalog, New Cool Links Page
Ham Poll--New poll questions asked monthly

2450. help power supply ..sorenson

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: whowell@epix.net
Message-ID: <NEWTNews.824695905.20432.whowell@epix.net>
Source record: 205478

```
i need any literature,schematics for a sorenson 10-40b power supply by
raytheon co.
this is a heavy duty rack mount supply will pay any copying fees.
t.i.a
emailk whowell@epix.net
call bill @ 610 5888 4463
```

2451. Help on Grudig/Telefunkin Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: auchd@orion.alaska.edu
Message-ID: <1996Feb18.111558.1@orion.alaska.edu>
Source record: 205479

Hello;

I've got a friend who has an old Grudig/Telefunkin Radio. He is looking to use the radio but has run into a problem: He can't seem to identify the auxilary input and output connectors on the radio.

The model number of the radio is KS-712U. Does anyone have any ideas about what these connectors might be? How about the North American number for the Grudig parts distributor?

Thanks... 73es

WL7NO
James Wiedle

2452. Index QRP Plus good radio?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: dale@unc.edu
Message-ID: <dale-1802962343200001@s014h016.dialup.unc.edu>
Source record: 205480

Has anyone had experience with the Index QRP plus SSB/CW all band transceiver? For $700 it seems like a good deal. The power output ranges from one milliwatt to five watts. The filter ranges from 100Hz to 2.4kHz. Thanks in advance for your comments.

dale castle
KD4EAP
dale@unc.edu

2453. TS-870S modifications wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: Bill Crocker <billc@mail.rust.net>
Message-ID: <3127CAB5.4BC4@mail.rust.net>
Source record: 205481

Are there any modifications available for the new Kenwood TS-870S HF Trans.?

Thanks, Bill Crocker

2454. Amateur Radio BBS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: notz@masterpiece.com
Message-ID: <2117cc$162c17.2bc@vtnt02.vantek.net>
Source record: 205532
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

Come join in the fun!

Come join All That Jaz Amateur Radio BBS. (206) 857-4981.

Lots of files, lots of fun, lots of lines. Fast modems (14.4k and higher). Sysop monitors frequencies for questions about the board, or just general stuff.

BEST OF ALL __IT'S FREE__ No strings attached. Free for all users.

Call (206) 857-4981.

Or direct inquiries to notz@masterpiece.com

2455. Re: Any good shop in the LA IRVINE Area ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: eroos@aol.com
Message-ID: <4g76uo$p09@newsbf02.news.aol.com>
Source record: 205533

HRO Anaheim has served me very well for the past five years. My favorite salesman now has his own store in Burbank, but every one there has been helpful.
The store is on Euclid two blocks south of La Palma. Ed R.

2456. Help with HP 803-A bridge

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: gcouger@master.ceat.okstate.edu
Message-ID: <4g5v08$bg6@news.cis.okstate.edu>
Source record: 205534

Can some own help me with the frequency range of a HP 803-A VHF
impeadeance bridge. Also what kind of detector do I need.

Thanks
Gordon AB5DG
Gordon Couger
Biosystems & Agricultural Engineering. 114 AG Hall Stillwater, OK 74075
gcouger@master.ceat.okstate.edu 405 744 8392 day 625-2855 evenings

2457. Re: Help with HP 803-A bridge

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: jsmith@mnsinc.com
Message-ID: <312696cb.401569364@news1.mnsinc.com>
Source record: 205535

gcouger@master.ceat.okstate.edu (COUGER GORDON) wrote:

>Can some own help me with the frequency range of a HP 803-A VHF
>impeadeance bridge. Also what kind of detector do I need.
>
An old HP Application Note that I have dated 1960 says that the 803A bridge is used "for measurements of 500 mc or below."

I remember using one in EE lab in the late 60's. We drove it with a HP-608 RF generator and used the matching HP 417A VHF (super-regen) receiver. You should be able to use any receiver with it, or a spectrum analyzer. The receiver is, after all, just a null detector. As I recall, we were using it around 300 MHz. (The 608 had a maximum frequency of 480 MHz or less, depending upon the particular model; some topped out at 420 MHz.)

If you have a pure (that is low harmonic and spurious) generator capable of AM or pulse modulation, you can use a broadband crystal detector, followed by a narrow-band tuned amp/meter, like an HP-415B (to keep things in the same 1960's vintage). (Modulate the generator at 1000 Hz or whatever frequency for which your tuned amp/meter is set.)

I wouldn't mind owning an 803B; as I recall it was pretty easy to use. (Beat the slotted line and Smith chart).

Jack Smith K8ZOA

Jack Smith
jsmith @mnsinc.com

2458. Tubes

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: amman@airmail.net
Message-ID: <4g66me$65r@news-f.iadfw.net>
Source record: 205536

```
Need 2 tubes:
12BY7A
S2001 or 6146B
Thanks
Robert KC5RYI
amman@airmail.net
```

2459. Re: 82 Repeater in Kansas City, TXxID-1

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: narc@pacifier.com
Message-ID: <4g6ard$han@news.pacifier.com>
Source record: 205537
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc

I WRITE:

Of course if you are a smart jammer like myself. You simply
construct a simple automatic rf sensing switch box. Simply made from rip
off shack parts. What it does is for the first 100mills on the tx my rf
output is directed into a small 10 watt 50 ohm dumy load, after the cap
charges up it causes the relay to swithc me over to my antenna.
VAWALLLLAAAAA NO fingerprint. Of course no fingerprint is a fingerprint.
but now i cant give out all my secrets can I?
jeff aa7up
PDX, or

2460. Re: 82 Repeater in Kansas City, TXxID-1

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: dbaker@mail.bcpl.lib.md.us
Message-ID: <dbaker.160.00024F31@mail.bcpl.lib.md.us>
Source record: 205538
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc

In article <4g6ard$han@news.pacifier.com> narc@pacifier.com () writes:
>From: narc@pacifier.com ()
>Subject: Re: 82 Repeater in Kansas City, TXxID-1
>Date: 18 Feb 1996 04:44:29 GMT

>I WRITE:

> Of course if you are a smart jammer like myself. You simply
>construct a simple automatic rf sensing switch box. Simply made from rip
>off shack parts. What it does is for the first 100mills on the tx my rf
>output is directed into a small 10 watt 50 ohm dumy load, after the cap
>charges up it causes the relay to swithc me over to my antenna.
>VAWALLLLAAAAA NO fingerprint. Of course no fingerprint is a fingerprint.
>but now i cant give out all my secrets can I?
>jeff aa7up
>PDX, or
of course you could just mod the radio so that the final is "up" all the time
and just switch the link between the driver and final..........

Donald I. Baker
Reville Engineering Services
4619 Schenley Road
Baltimore, MD 21210-2525
(410) 467-7163
Custon Harsh Environment
Computers and RF Products
"Where no PC has gone before..."

2461. Radio Shack Ham Gear - Service manuals available

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: rcook@vv.cta.com
Message-ID: <4g6ogg$e15@victor2.vv.cta.com>
Source record: 205539

Service manuals are available for all three of the Radio Shack amateur radios. Drop by your local Radio Shack and ask them about ordering the service manual for your particular radio. The manuals vary in price. They offer complete part break-downs as well as other useful info such as alignment procedures etc.

The manuals are available on a pay in advance basis and are shipped directly to an address you specify.

Thought you might like to know. Rob, KE6NVW / 7K6CDQ

2462. Re: WTB HP5082-2900 diodes (not from I.R.&C.)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: wave@mindspring.com
Message-ID: <4g7gpu$pt6@brickbat.mindspring.com>
Source record: 205540

In article <4g5eip$nep@giga.bga.com>, kk5dr@bga.com says...
>
>I need 4 to 8 of these diodes, but I don't want to pay more than $4 each.

What are you using them for? I might have some free ones. I have the HP5082-2826 which I is a better version of the 2900. It is the same 2900 or 2811. They are the batch matched version and have a wider temperature range of (-65C to 200C). They also come in the same package as the 2900. Send me some e-mail and I'll send you my address. You can send me an SASE and I'll send you 10 or so.

73's
Pieter
AC4OP

2463. Wanted TNC for use with C-128

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: james-m@ix.netcom.com
Message-ID: <4g6vc8$bfm@cloner4.netcom.com>
Source record: 205541

Thanks for reading this..

I have a friend, KE4RUG that is in the market for a TNC that he can use with his C-128 Commodore Computer.. If you have one that you wish to get rid of at a good price, let me know so I can pass the info along to him..

Thanks
Don
AE4BR

2464. Re: info on multiband qrp kit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: plove@PROBLEM_WITH_INEWS_DOMAIN_FILE
Message-ID: <4g6tnj$b9o@squick.apana.org.au>
Source record: 205542

From: Norm Hammar (norm@cqg.cqg.com) wrote:
: My son and I are looking to build an HF QRP (or otherwise) transceiver
: for use on 80, 40, and 15 meters. If you have information on a
: relatively easy-to-build kit, please email us at norm@cqg.com.
: Thanks N0DHO

G'Day Norm,
This sort of thing sounds marvelous, but down here in VK, we just don't have
kit providers, wonder if it's possible to just order from US. ?
Anyone have any thoughts on the viability of this ?
--
****
* E-Mail : plove@quux.apana.org.au | Ax25: vk4xd @ vk4wia.#bne.qld.aus.oc*
****

2465. Re: Remote functions of the K

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: ej.johnson@digcir.cts.com
Message-ID: <960217220044119@digcir.cts.com>
Source record: 205543

KM}}Hi:

KM}}Could anybody explain the remote functions of the Kenwood TM 733??
KM}}What is possible with the remote controll?

KM}}Thanks in advance!
Charlie,
Almost all radio functions are controllable via an ht, I think
the only function you can not do is the pwr on/off function

hope this helps,
EJ N6OID

* OLX 2.1 TD * "Not tonight baby.....I have a modem."

2466. R390A's

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: Gary Mitchelson <garym@racalrecord.com>
Message-ID: <3127750D.6C22@racalrecord.com>
Source record: 205544

I have recently acquired 2 R390Aï¿½s and I am in the process of restoring them. I am looking for a source of parts, Fair Radio is the only one I am aware of are there others?

One of the R390ï¿½s was to be used as spares for the first one but I am going to make it operational instead. I am looking for the cover for the Mechanical Filters and a cover for Z503. This one , a Collins from a 1951 contract, does not appear to have had an oven that fit over the top of the crystal tray. Is this the case?

Besides Fair is there a better source for tubes for these?

Does anyone have any hints for refinishing the knobs?

It has been 15 years since I worked on R390ï¿½s but at that time we had 750 at the AF site I was stationed at.

Thanks
Gary Mitchelson
garym@racalrecord.com
N3JPU

2467. FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: Thomas Martin <tmartin@teclink.net>
Message-ID: <4g7ba0$o33@felix.teclink.net>
Source record: 205545

I just bought a FT-51R at a local hamfest and really like it. I need a speaker mike for it though. I tried an MFJ mini speaker mike and the led on the mike doesn't work correctly. Stays dim all the time instead of glowing when transmitting. It seems to work OK but is extremely hot. Does anyone know if this will hurt my HT or if there is a good aftermarket Mic for this rig? Yaesu is very proud of their mic and the hamfest has about cleaned me out for a little while.

Thanks
Thomas Martin (N5ZNO)
tmartin@teclink.net

2468. Motorola 9600 Mods Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: bsager@interserf.NET
Message-ID: <199602181434.JAA20243@ns.interserf.net>
Source record: 205546

Hello,

We are having great difficulty finding a source containing the mods
for various Motorola radios to make them 9600 baud packet capable, if
possible, otherwise 1200 baud.. I am sure the problem is that I am searching
in the wrong spots.

We have access to some Radius, Maxtrac, Micor, (Motrac vhf base), Mitrek
mobile units.. There are some UHF and some VHF units and all are ready
for hamband operation. We are trying to build a backbone network for the
statewide VA Digital Emergency Network (VDEN). All of the units are working
but we need to interface the tnc's to them correctly. Does anyone know
where I can find these Motorola mods or a good source of such information??

I can supply model numbers if needed. The older Motrac vhf pager base is
model B93MPY-1100BT-SP11 with a CC3064 xmitter and may be too old for
anything other than 1200 baud.

Any thoughts, suggestions will be appreciated!

Regards,

Ben Sager

KC4ASF.VA

(For the VDEN Steering Committee)

KC4ASF@KC4ASF.VA

bsager@interserf.net

2469. Re: Alinco DX - 70T

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: kingbp@ka1fqt.mv.com
Message-ID: <DMz5sC.2v1@mv.mv.com>
Source record: 205547

In article <4fsvi8$6ln@news.innet.com>, hamradio@camalott.com says:
>
>Is anyone using the Alinco DX - 70T and if so, what is your opinion of
>the radio. Thanks, KC5OQE
>

I purchased one just last week. Great rig! The receiver is as sensitive
as my Ten-Tec Scout on all of the bands.

The rig is being used as a base station and replaces a Ten-Tec Scout.

I've worked DX SSB into Southern Africa and Europe and CW with great
reports on the quality of the signal. Has all of the features expected
in a modern HF transciever, except a builtin keyer.

I've done some SWL'ing and have been impressed with the performance using
an 80m dipole. I live on top of a small hill so there is potential for
much IMD especially from the other local hams on my street, an AM
broadcast tower only about 1 mile away and an airport only 4 miles away.

On 6 meters FM, I've been getting reports of a hum on my signal. This may
be due to the PL deviation. Alinco will repair it free of charge under
warranty if I send it in.

For the wish list there are only three things I would add to thi
-- Bryan

2470. Re: BEWARE OF DEALING WITH DERRICK HALL, SEATTLE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: davekri@worldnet.att.net
Message-ID: <4g7e38$s7t@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 205548
Cross-posted to:
rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,alt.radio.scanner

jon scott <jcscott@jcscott.isdn-hywr.pacbell.com> wrote:

>BEWARE OF DELAING WITH DERRICK HALL OF SEATTLE, WASHINGTON!

>On November 17, 1995 I sent him a money order (as he and I agreed) for
>a PK232. He claims to have sent the package but that it was
>returned. I assured him that the address in my letter that
>accompanied the money order was correct (a mail center) and to resend
>the package. As you dear reader, have guessed by now, no package.

<snip details>

>If any body in Seattle reads this and employees this man (I think he
>is an independent contractor) be sure you are getting good value for
>your time and money. He is not very honest in his dealings on the
>Internet.

>Jon Scott

One way to avoid these types of deals is to have the possesor of the
equipment send it COD. At least you get a package (no telling what's
in it) and the sender doesn't get any money until the package arrives.

I have purchased several things this way and, fortunately, have
gotten what I paid for. There is really no way to judge the character
of individuals who sell through the postal service.

Dave Krieps

"Those who avoid decapitation leave more offspring." -Carl Sagan

2471. Re: Anyone experience with Standard C5718 models ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: n1ist@netcom.com
Message-ID: <n1istDMz9Lr.M9F@netcom.com>
Source record: 205549

In article <4ft2nu$rlt@news.inc.net> Will Flor <willf@rrgroup.com> writes:
-patrick@hacom.nl (Patrick Mosterd) wrote:
->Laid eyes on the C5718 model, manufactured by Standard
->I wonder wether you have any good or bad experience with this
->new model.
-I have two C5718DAs - one in my car, one at home. They're excellent,
-full-featured rigs with very good intermod rejection. They are among
-the more expensive 2m/440 mobiles around, but if you can afford
-them, they're excellent.

I'd suggest you try one out before you buy it. We had one in our club shack for a few days (returned it for an Icom), and I could never get the hang of that mike... I tried to change the volume in the middle of a net and found myself off on some other memory channel (it uses the up and down arrow keys for channel, volume, squelch, and some other functions). This is purely a personal choice; I know some people who love the radio, and I had no problems from a technical perspective, just ergonomic. I guess the Yaesu spud-mike radio may have similar problems, but at least it looks like volume and squelch are knobs, like they should be :-)
/mike

--
\|/ Michael L. Ardai N1IST
-*- ---------------------------------
/|\ n1ist@netcom.com

2472. Re: BEWARE OF DEALING WITH DERRICK HALL, SEATTLE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: subbustr@whidbey.net
Message-ID: <4g7ib1$s3b@whidbey.whidbey.com>
Source record: 205550
Cross-posted to:
rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,alt.radio.scanner

You might consider posting this to:

seattle.forsale.misc - newsgroup also?

2473. Re: info on multiband qrp kit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: mulveyr@ll.aa2ys.ampr.org
Message-ID: <slrn4iemef.4fd.mulveyr@ll.aa2ys.ampr.org>
Source record: 205551

On 18 Feb 1996 10:06:43 GMT, Paul Love <plove@PROBLEM_WITH_INEWS_DOMAIN_FILE> wrote:
>From: Norm Hammar (norm@cqg.cqg.com) wrote:
>: My son and I are looking to build an HF QRP (or otherwise) transceiver
>: for use on 80, 40, and 15 meters. If you have information on a
>: relatively easy-to-build kit, please email us at norm@cqg.com.
>: Thanks N0DHO
>
>G'Day Norm,
>This sort of thing sounds marvelous, but down here in VK, we just don't have
>kit providers, wonder if it's possible to just order from US. ?
>Anyone have any thoughts on the viability of this ?

I'm sure that just about any manufacturer would be happy to ship a
kit down to you in VK, for a small fee. :-)

You might want to subscribe to the QRP mailing list (QRP-L) at
lehigh.edu. It's full of people who will be happy to tell you about
the QRP kits that they've designed/built/etc. Including me. ;-)

- Rich

Rich Mulvey, aa2ys Rochester, NY USA
mulveyr@vivanet.com
aa2ys@net.wb2psi.ampr.org
aa2ys@wb2psi.#wny.ny.us

2474. Re: NEED Modifications for the IC737A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: subbustr@whidbey.net
Message-ID: <4g7iuv$s3b@whidbey.whidbey.com>
Source record: 205552

HOPE THIS HELPS:?

The only mod iz fer .5-30mhz RX/TX.

Cut doide D3.

Note: Accesssing the PLL board may require taking
out many of the other components of the radio.

subbustr@whidbey.net

2475. Re: Helping a begginer can be your good deed for the week

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: genek@dibbs.net
Message-ID: <31274B14.502C@dibbs.net>
Source record: 205553

Tyoei wrote:
>
> I am a person. A person interested in Radio transmitting. A person who
> wants to know what hardware one would need to send and receive messeges
> using a radio transmitter. Help is greatly appriciated.
> You need to study and take a rather simple test to get a no-code
license. This will allow you to use a 2 meter handheld radio or mobile
type radio. You need to go to Radio Shack or a book store and find a
book called "Now You're Talking". This will explain everything you need
to get your license and what equipment you need. Also your public
library will have a number of introductory books on amateur radio.
I know this isn't much help but ham radio covers such a vast area its
difficult to answer your request, since the hardware required depends
on you area of interest.
Good luck.
Gene, WA4WBI

2476. Alinco Modifications - alinco.zip (0/1)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: ve6rlb@freenet.edmonton.ab.ca
Message-ID: <4g7l1n$jq1@hermes.oanet.com>
Source record: 205554

Here are several Alinco mods for a variety of their radios and handhelds. Download the attached .ZIP file. All mods are in a text based format and should be easy to read.

2477. Alinco Modifications - alinco.zip (1/1)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: ve6rlb@freenet.edmonton.ab.ca
Message-ID: <4g7l1u$jq1@hermes.oanet.com>
Source record: 205555
Body handling: Inline uuencoded payload not displayed: alinco.zip

```
[Inline uuencoded payload not displayed: alinco.zip]
```

2478. Comments needed: IC-2000H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: tuomi@news.lut.fi
Message-ID: <4g7nte$2au@kyy.cc.lut.fi>
Source record: 205556

If you have any comments about the IC-2000H please send
them to me.

Info needed: - how fast is the scanner when you are scanning
memory channels ?
- does the radio really have AM-detector or
is AM detected somehow using FM-detector ?
- how does the radio perform on AM ?

Thanks !

Phone: 953 - 4127 400 Addr. Pasi Tuomi, OH5NPS Finnsonic Oy
Cellular: 940 - 5041 833 Liesharjunkatu 2 E 37
Internet: tuomi@lut.fi 53850 Lappeenranta (Finger for
WWW: http://www.lut.fi/~tuomi/ Finland more info.)

2479. ICOM IC 706 AIRBAND-Transmitter 10 Watt

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9602181706.AA18096@noldor>
Source record: 205557

I would bet Icom would do Warranty service on a Radio
(i.e.:IC-706) that way modified to transmit DC-light, and
probably would not honor the service warranty.
They might even restore it to stock condition, and charge
you for doing that service!!
In California, a couple of hams had their HT's taken away
by the Sherrif Department for transmitting for help on their
frequencies.
You do the mod, break the law, be prepared to pay the price,
via the manufacturer when needing a repair or thru violation of
using a non-type acceptance radio on a service.
I am a reserve, with a serice that does law enforcement,
I listen to them on my ham HT, but I use my commerical Bendix
King HT when talking with them, with callsigns assigned by
them.
73
Mike

Date: 16 Feb 1996 16:55:46 GMT
From: myers@West.Sun.COM (Dana Myers)
Subject: ICOM IC 706 AIRBAND-Transmitter 10 Watt

In article <4g1r2h$kem@newsbf02.news.aol.com>,
W8JI Tom <w8jitom@aol.com> wrote:
>In article <9602151550.AA22733@noldor>, aust@gandalf.sp.TRw.COM (Mike
>Aust) writes:
>
>> If anyone knows of such a mod, do not post it here,
>>this request of an Aircraft Transmit Mod for the IC-706
>>is one of non-responsibility, violation of laws in
>>many countries.
>
>Actually it's bad form to post ANY mod that violates TA of the product,
>like out of band HF mods.

Since amateur transceivers in the US are not type accepted, there's
no mod that violates the (non-existant) TA. Out of band HF mods
are useful for MARS operation, and may be useful for emergency
use.

It is also true that a modified amateur transmitter may become
capable of operation in a service for which it is not type accepted;
it is worth pointing out that this is not legal, though commonplace
on VHF and UHF.

Out-of-band mods are quite useful when using a transceiver as part
of a transverter lash-up.

>Half the people that want those mods are the SSB CB idiots that operate
>outside the band and use amateur equipment. Not only does it encourage CB
>use of Ham gear, if the FCC ever got a complaint the manufacturer could be
>in big trouble.

Under which code can a manufacturer be held liable for the action
of someone that does not represent the company?

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *

2480. Re: Radio Shack Ham Gear - Service manuals available

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: kk5ni@rapidramp.com
Message-ID: <4g7prj$g2g@alterdial.UU.NET>
Source record: 205558

rcook@vv.cta.com (R. Cook) wrote:

>Service manuals are available for all three of the Radio Shack amateur radios.
>Drop by your local Radio Shack and ask them about ordering the service manual
>for your particular radio. The manuals vary in price. They offer complete
>part break-downs as well as other useful info such as alignment procedures
>etc.

>The manuals are available on a pay in advance basis and are shipped directly
>to an address you specify.

>Thought you might like to know. Rob, KE6NVW / 7K6CDQ

At my local Radio Shack, they seem only to know how to sell cellular
phones :(
Part # Description RSU#
HTX-202 MS1901120 MANUAL,SERVICE 19-1120 10822658
HTX-212 MS1901125 MANUAL,SERVICE 19-1125 11276714
HTX-404 MS1901140 MANUAL,SERVICE 19-1140 10822674

--Rob, KK5NI

2481. Manual for B&W VS300A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-18 00:00:00 UTC
From: allenm@rain.org
Message-ID: <4g7t8p$sga@news.rain.org>
Source record: 205559
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

Im looking for a reproduction of the manual for
B&W's VS300A antenna tuner, I just bought one from
a fellow ham I but got stiffed on the papers....

Tnx ...KB6PQG alenm@rain.org

2482. Re: Cheap, portable HF receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: mwhite@mitre.org
Message-ID: <mwhite-1902961410320001@m14494-mac.mitre.org>
Source record: 205360
Cross-posted to: rec.radio.amateur.equipment,rec.radio.shortwave

Ken Harris wrote:

> I'd like to have SSB (and morse?) and external antenna. I'd like to
> use it to receive weather fax and SITOR transmisions, as well as
> voice.
> Panasonic RF-B65, $269

I have an RF-B65, and like it a lot. Its BFO is quite stable for a portable receiver (desirable for SSB/CW, critical for fax and sitor), and it can be had used for $100 or so (I got mine for $85). It only offers 9 memories per band (LF, MW, FM, SW), and it lacks synchronous AM detection, but for the money it's a fine receiver. Best of luck.

--
mwhite@mitre.org

My opinions are my own, not my employer's.

2483. test mode for cellular phones

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: emichelson@nwu.edu
Message-ID: <4gakrd$krn@news.acns.nwu.edu>
Source record: 205361

Can anyone point me where to get the codes to use to put a cellular
phone into test receive mode? Is there a FAQ or web site with this info?

Thanks

--
Ed Michelson
emichelson@nwu.edu

2484. Need Manual for Kenwood TM-221-A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: robert fowle <hammarlund@vixa.voyager.net>
Message-ID: <4gan0k$ffh@vixc.voyager.net>
Source record: 205362

want to find this manual. if you have it and want to sell or trade, please
e-mail or call.
thanks.

==]-[->
Robert Fowle
The HAMMARLUND Historian
Ph. voice or fax 517-789-6721
1215 Winifred
Jackson, Mich. 49202-1946
E-mail at: hammarlund@voyager.net
HAMMARLUND LITERETURE WANTED
==]-[->

2485. WTD: Manual for Drake R4C

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: doragsda@oboe.calpoly.edu
Message-ID: <4gaggd$pni@isnews.csc.calpoly.edu>
Source record: 205363
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

I need an operating manual for a Drake R4C receiver. Drake says there were three versions of this, and I have the latest model, tube complement: 6BE6, 6BA6(2), 6EJ7(3). An original would be great; a photocopy would be fine. Please e-mail with cost. Thanks.

2486. Kenwood TS-60S 6 Meter 100 Watt all-mode mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: ve7zzx@wimsey.com
Message-ID: <ve7zzx-1902961150070001@ppp39.dowco.com>
Source record: 205364
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.ham-radio.swap

For Sale Kenwood TS-60S 6 Meter 100 Watt all-mode mobile
Brand New, in box, with all papers etc.

$1000 CDN
$ 725 US Price is Firm

--
Claude Leduc VE7ZZX CN89os
ve7zzx@wimsey.com
Port Coquitlam, British Columbia, Canada
Mountain DX Club - "To boldy VHF where no ham has VHFed before"
Coming up Summer '96 DX-pedition to rare grid CO80, on 6M, 2M & 70cm

2487. TS-60S 6 Meter 100W all-mode

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: ve7zzx@wimsey.com
Message-ID: <ve7zzx-1902961129480001@ppp39.dowco.com>
Source record: 205365
Cross-posted to: rec.ham-radio,rec.ham-radio.swap,rec.radio.amateur.equipment,rec.radio.swap

```
For sale TS-60S 6 Meter 100W all-mode mobile
Brand new, in box with all papers.

$1000 CDN
$ 725 US

Price is firm
VE7ZZX
Claude Leduc
Port Coquitlam, British Columbia
Canada
ve7zzx@wimsey.com
```

2488. Kenwood TS-60S 6 Meter all-mode 100W Mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: ve7zvz@dowco.com
Message-ID: <ve7zvz-1902961204340001@ppp39.dowco.com>
Source record: 205366

For sale Kenwood TS-60S 6 Meter all-mode 100W Mobile
Brand New, in box, with all papers

$1000 CDN
$ 725 US Price is firm

Seller is VE7ZZX Claude Leduc
ve7zzx@wimsey.com
replying to this message will go to Claude.

--
Scott Leaf VE7ZVZ CN89os
ve7zvz@dowco.com
Port Coquitlam, British Columbia, Canada
Mountain DX Club - "To boldy VHF where no ham has VHFed before"
Coming up Summer '96 DX-pedition to rare grid CO80, on 6M, 2M & 70cm

2489. Morse key wiring diagram wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: hb.wibbelt@hit.handshake.de
Message-ID: <63AKLBOvmiB@hit170.hit.handshake.de>
Source record: 205367

Hello,

can anyone send a simple wiring diagram of a Morse key (transmittor)?

This is what a young friend of mine asked me to put into a BB.
I'm not quite sure what he means but I hope there's help.

Cheers
H.B.

--

2490. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: "Tom V. Pfaffenbach" <tvpfaffe@mail.delcoelect.com>
Message-ID: <4gaomd$b2v@kocrsv08.delcoelect.com>
Source record: 205368
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

Hi Tom;

An easy way is to use an RF ammeter and a resistive dummy load. Tune your transmitter into the load directly and set it for highest reading on the ammeter. P=I*I*R.

Now go thru your coupler and tune again for maximum ammeter reading. Again P=I*I*R. P1-P2=lOSS.

We are assuming that your best power output occurs at approximately the same power input level, in both cases. Generally this is valid, but you can also verify the input level independently. It is important that you make the measurements with a resistive load.

DO NOT BE SURPRISED IF YOU FIND LOSSES IN THE ORDER OF 15-30%.

Happy DXing 73-K9JDU

2491. Re: KAM & TS850 voice problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: Feroz Ghouse <Ghouse_F@mail.uwlax.edu>
Message-ID: <4gavhr$ruk@alfred.acs.uwlax.edu>
Source record: 205369

ea4abb@ea4rct.CLubs.etsit.upm.ES (Roberto Munoz Dominguez) wrote:
>Hello dear hams.
>
>I have a big problem since I bought a Kantronics All Mode.
>When the HF port of my KAM is connected to ACC2 of my Kenwood TS-850 I
>try to talk on HF on USB or LSB mode with the transceiver and my output
>voice is not clear !!! I must disconnect the KAM from the TS-850 and the
>output voice is clear...
>
>Do you know any modifications for KAM or TS-850 to clear this problem ??
>
> Many thanks, hope have info.
>
>-- Roberto
>
>ea4abb@ea4rct.clubs.etsit.upm.es

There are two things you can do...

1. Do NOT use AFSK. Use the FSK connections...
2. Kenwood has a technical sheet on this. You may call their BBS and get the scoop. Perhaps someone knows that number

I ran a TS-850 and a KAM for a while. I also used the FSK port for all my HF digital activity. I never had a problem.

Good Luck,

Feroz, 4S7FG/WU9N

2492. Re: TS870 or TS950?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: Feroz Ghouse <Ghouse_F@mail.uwlax.edu>
Message-ID: <4gavsf$ruk@alfred.acs.uwlax.edu>
Source record: 205370

Mark Pettigrew <ltimp@shu.ac.uk> wrote:
>Hi folks!
>
>I'm thinking about a new, fancy black box rig to replace my TS530SP, and
>I've been pondering a TS870. However, I can get a secondhand TS950SDX for
>less than the TS870, and that's not even taking into account the extra
>cost of the powersupply.
>
>My question is - is there any reason why I should get the 950 instead of
>the 870? I know there are a few features on the 950 that aren't on the
>870, like an extra 50W output (only adds 1.7dB, though) and dual
>receivers. Has anyone experience of either to be able to say 'Yes, go for
>that one!'?
>
>Mark
>G0WLR

I use the 870. Like it lots

1. The DSP is great
2. Good RX. Except if another HF station is transmitting next door.
3. Lots of flexibility in settings
4. 12V
5. No external interface is needed to connect to the computer & can comm at speeds up to 57.6K
6. The control package is fun
7. IMHO lots of radio for the money.
8. If you wish I can e-mail you (if I find it) a compilation of contestors who used this radio under gruelling contest condx. My conclusion is the results are mixed with more in favor of the radio. Let me know...
9. No external filters are required
10. Excellent built in K1-Logic-keyer

naa...na...na...na na...

Let me know if you wish to discuss more...
73,

Feroz, 4s&FG/WU9N

2493. Re: Reply Too Chris N7RME about RH250

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: Al Bolton <Al@boltons.demon.co.uk>
Message-ID: <824691061snz@boltons.demon.co.uk>
Source record: 205371

In article <01I1D4Z93JYO8WXOAR@SUNBELT.NET>
braymer@sunbelt.NET "Bobby Raymer" writes:
> Chris i read your comment about my listening of a Regency RH250
> radio.The RH250 was tune too the two meter ham bands and a touch
> tone pad was added for use too a audiopatch on most repeaters.The
> key pad that come on the is still on this radio and working,Its also use
> too program the radio on what every freq you want and also set the pl's
> up.Sound like you dont know what your talking about and have never
> seen or even use a Regency RH250 commercial radio.
> from Bobby Raymer AD4HL Algood,Tennessee

I'm just fascinated by the "English" in use by AD4HL...

But what does it mean????

Al Bolton
G4VSQ/OK8VSQ
Proud owner of a Regency handheld..

2494. Kenwood 930 Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: edmeyer@crosslink.net
Message-ID: <edmeyer-1902962020480001@dyn021c.springfield.va.us.crosslink.net>
Source record: 205372

Kenwood 930 with filters and Antenna tuner $899. Seldom used.
Ed Meyer KN3R edmeyer@crosslink.net
301 921 0700 ext 19

--

Edward Meyer
edmeyer@crosslink.net
301 921 0700 ext 19
20816-1811

2495. Re: BEWARE OF DEALING WITH DERRICK HALL, SEATTLE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: "Thomas L. Gaines, Sr." <tgaines@datastar.net>
Message-ID: <312966FC.1F40@datastar.net>
Source record: 205373
Cross-posted to:
rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,alt.radio.scanner

DAVE M . SCHERTZER wrote:
>
> You might consider posting this to:
>
> seattle.forsale.misc - newsgroup also?

FEDEX OR UPS(I PREFER FEDEX) COLLECT. IT SAVES A LOT OF GRIEF ON BOTH
SIDES.

TOM GAINES/N5ISE
--
Thomas L. Gaines, Sr.
Amateur Radio Callsign N5ISE
703 Jones St
Picayune, MS 39466 30* 31' north 89* 41' west elevation 62'

2496. Re: RF interference in Ford Explorer

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: Jack Davis <jedavis@deltanet.com>
Message-ID: <NEWTNews.824799773.29899.jed@Deltanet.deltanet.com>
Source record: 205374

In Article<4gb4p2$jsu@news.syspac.com>, <dnorris@k7no.com> writes:
> Path: news.deltanet.com!uunet!in1.uu.net!news.syspac.com!usenet
> From: dnorris@k7no.com
> Newsgroups: rec.radio.amateur.equipment
> Subject: RF interference in Ford Explorer
> Date: Tue, 20 Feb 1996 02:33:11 GMT
> Organization: Systems Solutions Inc. (Arizona's Internet Provider)
> Lines: 18
> Message-ID: <4gb4p2$jsu@news.syspac.com>
> NNTP-Posting-Host: ppp242.syspac.com
> X-Newsreader: Forte Free Agent 1.0.82
>
> I recently purchased a Ford Explorer V8 - 2WD. I get some noise in my
> Alinco DX70T on HF. So..after seeing reference to Ford Service
> Advisory # 95-11-3 I took it to my local friendly dealer. He said
> that my radio would void the warrantee and that he would do the work
> in the service advisory for a cost of about $600. YIKES. Needless to
> say an S-4 to 6 noise will not be hard to endure.
>
> Anyone have an idea about a less expensive alternative?
>
> TIA
>
> Dean
>
>
> C. Dean Norris, Esq.
> Amateur Radio Station K7NO
> e-mail to dnorris@k7no.com
>
Dean can you post the service advisory you reference?

TNX

Jack - WA4EJR with 1991 Explorer. Yes I had problems too.

2497. HELP--need DIGITAL SWR/Power meter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: Swren@popalex1.linknet.net
Message-ID: <4ganrg$2ak@news.linknet.net>
Source record: 205375

Can someone PLEASE direct me to where I can purchase a digital meter
that can check SWRS and power readings for freq's between 1-30 mhz.?
Radio Shack has a model for 119 dollars but I tend to shy away from
their equipment (unless someone gives me a good report). Thanks.
Scott

2498. Anyone use a YEASU 727R..Jeff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: szhall@bullwinkle.ucdavis.edu
Message-ID: <4gap9d$s66@mark.ucdavis.edu>
Source record: 205376

I would like help on how to put in the PL in my YEASU 727R...Please
let me know how to do it step by step...I got the radio used...Thanks...Jeff

2499. KAM & TS850 voice problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: ea4abb@ea4rct.CLubs.etsit.upm.ES
Message-ID: <5473@ea4rct.clubs.etsit.upm.es>
Source record: 205482

Hello dear hams.

I have a big problem since I bought a Kantronics All Mode.
When the HF port of my KAM is connected to ACC2 of my Kenwood TS-850 I try to talk on HF on USB or LSB mode with the transceiver and my output voice is not clear !!! I must disconnect the KAM from the TS-850 and the output voice is clear...

Do you know any modifications for KAM or TS-850 to clear this problem ??

Many thanks, hope have info.

-- Roberto

ea4abb@ea4rct.clubs.etsit.upm.es

2500. FS: Grid Dip Meter EICO

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: "alex@hic.net" <alex@hic.net>
Message-ID: <4g8iua$f7v@news.hic.net>
Source record: 205483

I have a clean Grid Dip meter for sale for $50.00.
Drop a note with interests.

alex@hic.net

2501. TS-870 Mac Software Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: rlubash@top.monad.net
Message-ID: <4g8jbt$2qp@news.monad.net>
Source record: 205484

Looking for a source of Mac control software for Kenwood TS 870.

Thanks In advance,
Richad Lubash
N1VXW
rlubash@top.monad.net

2502. For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: craig.gagne@the-spa.com
Message-ID: <4g8jud$cig@news.paonline.com>
Source record: 205485

hi all, craig here and i have a few items for sale .

1) one watt VHF Radio Shack (motorola built) tone capable, includes charger,ant. , and belt clip $140.00

2) two watt UHF Radio Shack (motorola built) tone capable, includes charger,ant. , and belt clip $170.00

3) G.E. MPI series UHF two chan. (one installed 463.4375Mhz) with pl tone (71.9Hz) , comes in a set of
four (two of them need work) . comes with 8 bay wall mounted charger mint shape, works like new.
$300.00

if interested contact me here or at
craig.gagne@the-spa.com
(413) 536-3279 (home)
(413) 263-4633 (pager)
73's de n1pma
craig gagne

P.S. both motorola built Radio Shack units are brand new
and the batteries have never been charged.

2503. HELP!!!!! With Kenwood TH-78A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: nitinn@acsu.buffalo.edu
Message-ID: <4g8u68$9o6@azure.acsu.buffalo.edu>
Source record: 205486

HELP!!!!!! I have a Kenwood TH-78A and I can't seem to listen to anything on the left side of the display. My radio receives the signal becuase the meter does go up, but nothing comes out of the speaker. I have tried everything. As a last ditch effort I even reset the thing. Nothing seems to work. Any advice????

Nitin Natarajan
N1GSK
nitinn@acsu.buffalo.edu

2504. WTB: BC-348/BC-375

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: Lee Blaske <lblaske@pclink.com>
Message-ID: <4g8u8r$ho8@news.pclink.com>
Source record: 205487

I'd like to find a BC-348 receiver and/or BC-375 transmitter in decent condition.

Please E-mail me at: lblaske@pclink.com

73,

Lee AA0EF

2505. Input on Icom 2GXAT 2m HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: mustang@mail.fwi.com
Message-ID: <4g8ud5$fgf@news.ios.com>
Source record: 205488

I am considering buying an Icom 2GXAT HT but would appreciate hearing
from anyone who currently owns one. Please give me the pros and cons.

73s,
Todd Hargis N9XRG
mustang@mail.fwi.com

2506. Re: R390A's

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: "John D. Farr" <johnfarr@ro.com>
Message-ID: <31282991.CF5@ro.com>
Source record: 205489

Gary Mitchelson wrote:
>
> I have recently acquired 2 R390Aï¿½s and I am in the process of restoring
> them. I am looking for a source of parts, Fair Radio is the only one I am
> aware of are there others?
>
> One of the R390ï¿½s was to be used as spares for the first one but I am
> going to make it operational instead. I am looking for the cover for the
> Mechanical Filters and a cover for Z503. This one , a Collins from a 1951
> contract, does not appear to have had an oven that fit over the top of
> the crystal tray. Is this the case?
>
> Besides Fair is there a better source for tubes for these?
>
> Does anyone have any hints for refinishing the knobs?
>
> It has been 15 years since I worked on R390ï¿½s but at that time we had 750
> at the AF site I was stationed at.
>
> Thanks
> Gary Mitchelson
> garym@racalrecord.com
> N3JPUSurplus Sales of Nebraska has some stuff for the 390.

Surplus Sales of Nebraska
1315 Jones St
Omaha, NE 68102
(402) 346-4750

gl, John KC4ZXX

2507. Re: What is an HP 8660B?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: dstock@hpqmdla.sqf.hp.com
Message-ID: <Dn0u7s.4EG@hpqmoea.sqf.hp.com>
Source record: 205490
Cross-posted to: rec.radio.amateur.equipment,uk.radio.amateur

Anthony R. Gold (tgold@microvst.demon.co.uk) wrote:
: I have been offered an HP 8660B (Keyboard Mainframe Sig Gen), including
: the appropriate Mod and RF Sections, but the unit is a mystery to me. It
: looks just like the 8660C but I can't find this B model in any of the H-P
: T&M catalogs I have access to. I can only see A's C' and D's through 1989.

I've just had a walk to our library, and have had a look at the
catalogues from 1975 to-date. No mention of an 8660B at all. The D
appaers about 1988 and disappears about 1991. The D replaced the A
(thumbwheel switch tuned) and the C.

What age is it ... check serial prefix, you'll see something like
2315A..... The first two digits are year since 1960, the next two are
week number. A means built in the US, U for UK, G for Germany.

The 8660 was in production for an amazing time, extended well beyond
when better things had overtaken it because it was designed into a
variety of automatic systems and demand kept up because of the reluctance
of people to redesign their systems.

They are heavy, very very heavy. They were good in their day but their
phase noise and reliability are not to modern levels. Many had a huge fan
upgrade kit fitted externally to try to help MTBF when used in full
racks. Lots of antique TTL families like 74H stuff in the synth loop
dividers. Those dot type display leds have built in latch-decoder ICs and
take almost an amp each digit (You had to heatsink displays in those
days).

What do you want one for? Is your bench up to it? If you want to
stack a few of them, consult Stephen Hawking, he'd love to watch....

If you need a synth, and it's cheap enough to make periodic
intervention tolerable, they offer some hard to equal modulation
capabilities if you can find the right plug-ins.

Not much help, Sorry
David GM4ZNX

: Has anyone heard of this instrument and can tell me any and all
: differences bewteen the B and C models? I heard that one must throw an
: internal switch to tell that mainframe of a change in RF Section tuning
: range, while it is automatic in the 8660C, but that is about all I know.

: Regards,
: --
: Tony - G3SKR / AA2PM email: tgold@panix.com

: tgold@microvst.demon.co.uk
: packet: g3skr@n0ary.#nocal.ca.usa.na

2508. TH-22AT?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: jmleveron@socketis.net
Message-ID: <4g9med$42l@news.socketis.net>
Source record: 205491

Anyone have any mods for this 2m HT?
I've not been able to find any at
QRZ, Buffalo, etc. Thanks; please
dupe any reps by email as well since
my server tosses newsgroups quickly.

John

2509. GE Trunking HT for Ham Gear Swap

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: ki5bd@aol.com
Message-ID: <4g9oli$kmb@newsbf02.news.aol.com>
Source record: 205492

I have a GE 800mhz trunking handheld , model PCS . This unit is in mint condition complete with battery and drop in charger . I would like to swap for ham radio gear . I am looking to trade for a dual band handheld or mobile but I would also consider an all mode rig on either 6M or 70CM . Please respond by Email only to :
KI5BD@aol.com

Tnx and 73
KI5BD (Pat)

2510. Re: ICOM IC 706 AIRBAND-Transmitter 10 Watt

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4g9p8g$l18@newsbf02.news.aol.com>
Source record: 205493

Hi Dana,
In article <4g8cb2$br7@abyss.West.Sun.COM>, myers@West.Sun.COM (Dana Myers) writes:
>So, what about radios that aren't type accepted, like amateur equipment
>other than external power amplifiers used below 144Mhz? In fact, amateur
>equipment used below 30MHz doesn't even require Part 15 notification.

Not much will happen unless the FCC decides the equipment was manufactured with an intent to be used on the CB band. Then part 95 kicks right in. So if ICOM sells a rig that easily converts to CB operation, and enough of them turn up in the hands of CB'ers, the FCC can consider that an intent to market a CB transceiver. If the rig fails the provisions of part 95, they're in hot water.

>No, not all mods are illegal. Please cite specific laws stating so.
>Yes, it generally is illegal to use a radio in a service for which
>it is not approved, but it is not illegal to simply modify a radio.

That's right, not all mods are illegal. Sometimes only the use is. If the mod causes the equipment to violate the rules that allowed it to be manufactured, the mod is illegal.

>Which won't stop a single amateur transceiver from being sold under
>the current law, since none of them are required to meet type acceptance
>rules. Amateur receivers over 30MHz must be tested for part 15
>compliance and the FCC notified, but this has nothing to do with
>transmtting on emergency channels - it is the receiver.

If there is cause to believe the manufacturer "intended" to provide equipment that operates on the CB band, the gear must pass part 95. You can bet the FCC will yank the equipment, or at least give the manufacturer grief when he needs something else approved. The equipment may not be required to be type accepted or type approved, but there are still standards.

Even a general coverage receiver that operates on the CB band might be required to pass part 15 certification.

>>The mods are illegal, because even the ability of the equipment to be
>>modified is illegal! And that's true even for a licensed amateur.
>
>This is simply not true. There is no type acceptance for amateur
>equipment other than HF/6m external power amplifiers. It is not
>illegal for an amateur to modify a power amplifier for 10m and 6m
>operation, as specifically spelled out in Part 97.315.

The section you refer to indicates it is ok for an amateur to modify non-type accepted equipment for use on amateur bands, not the other way around.

Try Section 97.317. 97.317c(3) specifically prohibits even **instructions** that will allow equipment (in this case amplifiers) to be operated outside the rules. Kits that allow operationoutside the rules are illegal, instructions for conversions are illegal. The fact the user is a Ham makes no difference.

The very fact equipment under 97.317 can be "converted to unauthorized use" makes the equipment illegal! Manufacturers made a "general agreement" with the FCC years ago. The agreement was manufacturers would take all steps possible to prevent amateur equipment from being used by CB'ers, in lieu of tougher rules and enforcement. The FCC informally agreed to "overlook" help with ten meter mods if the manufacturers screened for a license, with the understanding if Ham equipment continued to be a headache things would get rough. If the FCC wanted to enforce the rules on the books now, ten meter conversions would be a thing of the past. Hams not only wouldn't get instructions, they wouldn't get parts. Plus the equipment would be made much more difficult to modify.

>>It's just intentionally "overlooked" when the use is legit. Let's not
>>spoil that.
>
>That's simply not the case. As mentioned above, there is no type
>acceptance of amateur radios to be violated by modifying the radio.
>There *are* type acceptance requirements for other radio services
>(most notably Part 90 (Land Mobile Radio Service) and Part 95 (CB and
>GMRS)) that prohibit the use of modified amateur radio

2511. Re: Is there an all purpose TNC/Decoder?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: Ian Brothwell <ibx@cs.nott.ac.uk>
Message-ID: <4g9ukj$58q@griffin.ccc.nottingham.ac.uk>
Source record: 205494
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

Hoka software in Holland *might* be able to offer something suitable.
They do decoding software that handles a great many modes but I don't have a
list in front of me at present. I don't know if they are represented in the
USA.

73, Ian G4EAN
(Wx is cold and snowy in Nottingham, central England)

2512. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: macino@mail.fwi.com
Message-ID: <4ga0lt$dho@news.ios.com>
Source record: 205495
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In <4g2j6u$12e1@chnews.ch.intel.com>, tom_boza@ccm.ch.intel.com (WB7ASR) writes:
>How can you tell how much RF power an antenna tuner is consuming
>when in use?
>
>Is this a trick question? How about putting a wattmeter just in front of it, measure the power in, then put the wattmeter on the output side and measure the power out. The difference should be WATT your loosing in the tuner.

73's WD9AHF - Jim

2513. TS870 or TS950?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: Mark Pettigrew <ltimp@shu.ac.uk>
Message-ID: <3128FF34.5D64@shu.ac.uk>
Source record: 205496

Hi folks!

I'm thinking about a new, fancy black box rig to replace my TS530SP, and I've been pondering a TS870. However, I can get a secondhand TS950SDX for less than the TS870, and that's not even taking into account the extra cost of the powersupply.

My question is - is there any reason why I should get the 950 instead of the 870? I know there are a few features on the 950 that aren't on the 870, like an extra 50W output (only adds 1.7dB, though) and dual receivers. Has anyone experience of either to be able to say 'Yes, go for that one!'?

Mark
G0WLR

2514. Re: Helping a begginer can be your good deed for the week

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: mwhite@mitre.org
Message-ID: <mwhite-1902960943460001@m14494-mac.mitre.org>
Source record: 205497

Tyoei wrote:

> I am a person. A person interested in Radio transmitting. A person who
> wants to know what hardware one would need to send and receive messeges
> using a radio transmitter. Help is greatly appriciated.

Every radio station has three parts: a transmitter, a receiver, and an antenna. The transmitter generates alternating current at radio frequencies (RF), and modulates it with information: usually sound, video, or data. The transmitting antenna radiates the energy into space as electromagnetic waves, and the receiving antenna collects a small part of that energy and sends it to the receiver, which filters, detects, and amplifies it.

Radio frequencies below about 3 MHz usually don't travel very far, especially during daylight hours. Frequencies between about 3 and 30 MHz bounce off the ionosphere (a charged layer of the atmosphere about 50 miles up), and can travel around the world, even with very low power transmitters. Frequencies much above 30 MHz punch through the ionosphere, and so don't usually travel very far on the earth's surface; they are used mostly for local communications.

Ham radio is a hobby that allows you to operate your own transmitter and talk to other hams locally and world wide (there's about 2 million of them, so there's always someone to talk to :-). It also gives you the opportunity to serve your community by providing emergency communications during times of crisis; hams are frequently the only means of contact when a natural disaster isolates an area.

You must earn a license to operate a ham station by passing a test in radio theory and electronics, regulations, and operating procedures. There are five classes of license: Novice, Technician, General, Advanced, and Amateur Extra. Each class grants more priviledges, and is more difficult. All require reception of morse code except one varient of the Technician class. With your license, you'll be assigned a callsign; mine's N4PDY. Most folks start with the no-code Technician license, which gets you priviledges that allow local contacts.

Hams operate locally on VHF (Very High Frequency). Most hams have radio sets in their cars, and talk to local friends over a 50 mile area. This is mostly through repeater stations operated by radio clubs. Repeaters pick up the signal from the mobile set in your car and rebroadcast it at high power from a very tall antenna. There are repeater stations all over the country; every city has a dozen or more, and even rural areas are pretty well covered. Almost all these repeaters are open for any ham to use. Most hams also have small hand-held pocket VHF or UHF radios called

Handi-Talkies (or HTs). These are very nifty; I have three of them :-)

Many of these repeaters can also link your signal to the telephone line; it's called an autopatch. You can make outgoing calls, but not receive incomming calls. Calls must be quite short in duration, and only personal calls are allowed; no business calls of any kind. In most cases, you must be a member of the club that runs the repeater to use the autopatch. Club dues tend to run around $20 a year.

Hams talk world wide on HF (High Frequencies), also called shortwave. With a modest station and an outside wire antenna you can talk to other hams around the world. Most of this is done on voice, but many old-timers (like me) still enjoy using morse code. Digital modes are also available, where you converse by typing messages on your computer keyboard. A device called a "terminal node controller" couples your computer to your radio; it's a bit like a modem.

Ham equipment is not particularly cheap, but it need not be overly expensive, either. A VHF mobile set for your car runs around $300, and a good HT can be had for $250 or so. HF sets are a bit more; they start at around $900; a very good one is $2,000, and top of the line is $4,000. These are prices for new sets; there is a lively market in used gear, and you can get a good used set for around half the price of new.

There is a national organization of hams called the American Radio Relay League (ARRL). They will provide you with tons of free literature on becomming a ham, and will also put you in touch with a ham club in your area that will help you earn your license, and get the gear you need (some clubs even have loaner rigs to get new hams started). Call the ARRL at 203-666-1541 and tell them you want information about becomming a ham; they'll fix you right up. Best of luck.

Mike, N4PDY

--
mwhite@mitre.org

My opinions are my own, not my employer's.

2515. Yaesu FT-736R mod for 70cm

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: dpmoore@west.net
Message-ID: <4ga73g$5eo@daffy.sb.west.net>
Source record: 205498

Does anyone have a modification for the Yaesu FT-736R to allow operation in the 70cm band down to 420Mhz? I would appreciate any advice regarding this subject.
Please send response to: dpmoore@west.net
Thanks

-Dan Moore WD6CYI

2516. Re: IC-706 on PACTOR

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: grimm@alison.sbc.edu
Message-ID: <1996Feb19.103715.153@alison.sbc.edu>
Source record: 205499

In article <DMtyus.Cut@iglou.com>, n4lq@iglou.com (Steve Ellington) writes:
> I've using the IC-706 on Pactor, opperating in the real FSK mode.
> I'm here to report that it works wonderfully. I had a nice Pactor qso on
> 80 meters with another staion over 1000 miles away who was practically
> inaudible. Amazing throughput and I didn't even kick in the 500hz filter.
>
> Results were much better than with my TS-940. I noticed that the cw
> monitor is turned off on the 706 while in fsk mode. I was accustomed to
> monitoring my outgoing chirps on the 940. No big deal though.
>
> --
> Steve Ellington N4LQ@IGLOU.COM Louisville, Ky
--

Is it possible to operate Pactor on a TS-940 in the real FSK mode?
I had assumed that you had to use AFSK.

Kenneth D. Grimm K4XL
grimm@alison.sbc.edu

2517. Yaesu FT-736R mod for 70cm

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: dpmoore@west.net
Message-ID: <4ga6ug$5eo@daffy.sb.west.net>
Source record: 205500

Does anyone have a modification for the Yaesu FT-736R to allow operation in the 70cm band down to 420Mhz? I would appreciate any advice regarding this subject.
Please send response to: dpmoore@west.net
Thanks

-Dan Moore WD6CYI

2518. Re: ICOM IC 706 AIRBAND-Transmitter 10 Watt

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb19.170526.1579@ke4zv.atl.ga.us>
Source record: 205501

In article <4g7vu2$333@newsbf02.news.aol.com> w8jitom@aol.com (W8JI Tom) writes:
>The FCC very specifically prohibits the inclusion of any simple device or
>system that allows the radio to volate the conditions of type acceptance.
>It's very plainly written that any device that includes such a system is
>in violation of type acceptance, and the manufacturer can loose type
>acceptance, be fined, and be forced to recall or correct devices that have
>been sold.

That doesn't apply to any amateur gear except HF external amplifiers
because *no other amateur gear requires Type Acceptance*. Receivers
operating over 30 MHz require Part 15 Type Certification, which is a
very different thing, but no amateur *transmitter* requires Type
Acceptance. None, nada, zip. You could market a 1 kW 10 meter AM
transmitter if you wanted, and not need FCC approval at all. The
FCC only requires Type Acceptance for *external* power amplifiers,
not for whole amateur transmitters. The fact that such a transmitter
could easily be retuned to CB doesn't even enter into the equation.

>So here's my point, if *REAL* Hams enjoy ten meters on amps, enjoy buying
>a six meter amp, enjoy modifying a radio for MARS or CAP, or use the radio
>for legimate work applications they should refrain from posting illegal
>(yes the mods are ALL illegal) mods on internet.

The mods are *not* illegal. *Use* of the radio in a service that does
require Type Accepted equipment *is* illegal, but the actual mod is
not illegal. There are other services besides amateur that don't require
Type Accepted equipment, and of course the equipment could be used to drive
a transverter. So there are perfectly valid reasons to perform such mods,
and it is perfectly legal to do so. In fact an amateur may do that to a
Type Accepted radio, such as a Motorola Micor or GE Mastr II. It's not
even illegal then, though the radio can no longer be *used* in a service
requiring Type Acceptance.

>If too many devices wind up creating a problem, either by CB'ers using
>them outside the CB band or some idiot using the radio on an emergency
>channel, the FCC will start to look at everything a little closer. I can
>say this much from direct experience, if the person reviewing the FCC file
>suspects the devices will be used outside type-acceptance, the device
>won't get approvial. It will fail testing over and over again.

But since amateur gear (other than external power amplifiers below 144 MHz)
does *not* require Type Acceptance, this point is moot. You no longer
even have to use the FCC lab for Part 15 certifications (which receivers
capable of operation over 30 MHz require). That can be done by an outside
lab. So even that can't be used to hold up an amateur product by falsely
claiming the equipment doesn't meet Part 15. And besides, any government

employee who would falsify such a document could be subject to criminal penalties for perjury. An Executive Branch employee would be crazy to try something like that today. A call to a friendly Republican Congressman would have a special prosecutor on the job in nothing flat.

What *could* happen is that the FCC *could* propose a rulemaking to require *all* amateur equipment to be Type Accepted. That did happen with HF external amplifiers. But that *has not* happened yet for any other amateur equipment, so mods are not illegal. Saying that they are illegal based on claims about Type Acceptance is simply wrong.

You might have had a point if you had said that some mods are *unwise* because of the potential for abuse, and the *possible* FCC reaction if such abuse got out of hand, but you've lost any credibility you might have had for such an argument by inappropriately raising the Type Acceptance bogeyman where it does not apply.

Lets reiterate what actual regulations apply.

1) *External* power amplifiers operated below 144 MHz require Type Acceptance. That's the *only* amateur equipment that requires Type Acceptance. Period.

2) *Receivers* capable of operating above 30 MHz require Part 15 *Certification* (which isn't at all like Type Acceptance, and can be done by an outside lab).

3) *Scanning* receivers must not be able to be easily modified to receive cellular phone frequencies (ECPA).

4) Any equipment containing a computer (most any amateur radio made in the last decade) must meet Class B *Notification* requirements. Under recently changed rules, a manufacturer may self-certify to meet this requirement.

5) Amateurs are permitted to modify or build from scratch any radio equipment that they desire as long as its emissions comply with Part 97 spectral purity limits and good engineering practice. Even 10 meter amplifiers can be built, or created by modifying a Type Accepted external amplifier, as long as no more than one of the type is made/modified by the amateur per year.

The only real lever the FCC has is the letter of intent that they circulated to radio *importers*, which threatened to withhold import permits if the radios met certain ill defined criteria. This is not a regulation per se, just a threat. And it has no force in regard to actions taken by US amateurs in any event. In other words, once the radio is in an amateur's hands, he can do whatever he wants to it, including ripping out half its guts and rebuilding it to suit his purposes, or just clipping one wire or removing a diode. That is *not* illegal, even if done to a Motorola Micor or GE Mastr II, much less to a non-Type Accepted *amateur* radio.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2519. Re: ICOM IC 706 AIRBAND-Transmitter 10 Watt

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb19.172641.1700@ke4zv.atl.ga.us>
Source record: 205502

In article <3126150F.66ED@halcyon.com> "Gary P. Fiber" <gfiber@halcyon.com> writes:
>Dana Myers wrote:
>
>> Since amateur transceivers in the US are not type accepted, there's
>> no mod that violates the (non-existant) TA. Out of band HF mods
>> are useful for MARS operation, and may be useful for emergency
>> use.
>
>Not quite true.
>The IC-706 does indeed carry FCC Part 15 Type Acceptance.

Careful now, Part 15 devices require Certification, or in some
cases Notification, but not Type Acceptance. It isn't the same thing.
I'm sure you know this since Icom commercial rigs are Type Accepted
for the services for which they are marketed. The rules for these
classifications are different.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2520. Re: Helping a begginer can be your good deed for the week

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: cgreenha@magnus.acs.ohio-state.edu
Message-ID: <4gae0s$c29@charm.magnus.acs.ohio-state.edu>
Source record: 205503

In article <mwhite-1902960943460001@m14494-mac.mitre.org>,
Michael White <mwhite@mitre.org> wrote:

>Every radio station has three parts: a transmitter, a receiver, and an
>antenna.

Not entirely true...I know of a few commercial "radio stations" that dont
have a "receiver". :)

Im sur it was just an oversight Michael...couldnt help myself.

Take care, & 73.

--
Christopher K. Greenhalgh, N8WCT
Computer/Electronic Tech. II at The Ohio State University
E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
Radio : n8wct@w8cqk.#cmh.oh.usa.noam

2521. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: "C. J. Hawley" <c-hawley@uiuc.edu>
Message-ID: <3128BE66.60B0@uiuc.edu>
Source record: 205504
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

macino@mail.fwi.com wrote:
>
> In <4g2j6u$12e1@chnews.ch.intel.com>, tom_boza@ccm.ch.intel.com (WB7ASR) writes:
> >How can you tell how much RF power an antenna tuner is consuming
> >when in use?
> >
> >Is this a trick question? How about putting a wattmeter just in front of it, measure
> the power in, then put the wattmeter on the output side and measure the power
> out. The difference should be WATT your loosing in the tuner.
>
> 73's WD9AHF - JimWell, the wattmeter will have to work at the output impedance of the
tuner.......
Did anyone read the series of articles last year on tuner losses? Some of the comments posted here are contrary to the findings of the author. One that comes to mind is that the loss is independent of the impedance being matched. The articles usually showed that losses were greater for the same SWR when the impedance of the load was low rather than high. The author, Frank Witt AI1H, used the fact that the SWR measured at the input of a tuner with loss will not correctly report the mismatch at it's output. The losses are proportional to the error in the reported SWR. For example, he adjusts a tuner to 1:1 for a 100 ohm load. Then he replaces the load with a 50 ohm load, and then a 200 ohm load. The deviation of the SWR from 2:1 in both cases is due to the loss in the tuner. Read the articles April,May 1995. What do you guys think?
--

Charles Jack Hawley Jr.
Amateur Radio KE9UW (A.K.A. 'Chuck' in Ham Radio)
BMW K100RS, BMWMOA #224 (A.K.A. 'Jack' in Motorcycles)
hawley@aries.scs.uiuc.edu
Sr. Research Engineer Emeritus
Univ of Ill, Urbana-Champaign

2522. Seeking Tx Mods for Kenwood TH22AT (Not found on web)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: bosak@sequent.com
Message-ID: <1996Feb19.173014.21057@sequent.com>
Source record: 205505

Has anyone found the Tx mods for the Kenwood TH22AT?
Not posted on the QRZ homepage yet.
Should I be looking somewhere else?
Can you help?

Thanks

Hank Bosak
KC7OMI

2523. Re: ICOM IC 706 AIRBAND-Transmitter 10 Watt

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <4gaeeo$o6d@abyss.West.Sun.COM>
Source record: 205506

In article <4g9p8g$l18@newsbf02.news.aol.com>,
W8JI Tom <w8jitom@aol.com> wrote:
>Hi Dana,
>In article <4g8cb2$br7@abyss.West.Sun.COM>, myers@West.Sun.COM (Dana
>Myers) writes:
>
>>>The mods are illegal, because even the ability of the equipment to be
>>>modified is illegal! And that's true even for a licensed amateur.
>>
>>This is simply not true. There is no type acceptance for amateur
>>equipment other than HF/6m external power amplifiers. It is not
>>illegal for an amateur to modify a power amplifier for 10m and 6m
>>operation, as specifically spelled out in Part 97.315.
>
>The section you refer to indicates it is ok for an amateur to modify
>non-type accepted equipment for use on amateur bands, not the other way
>around.

I believe that 97.315(b)(3)(ii) specifically allows the modification of
"an amplifier", not excluding a type accepted amplifier, by a licensee
for use at the licensee's station.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *

2524. Re: ICOM IC 706 AIRBAND-Transmitter 10 Watt

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <824753518snz@microvst.demon.co.uk>
Source record: 205507

In article <1996Feb19.170526.1579@ke4zv.atl.ga.us>
gary@ke4zv.atl.ga.us "Gary Coffman" writes:

> The mods are *not* illegal. *Use* of the radio in a service that does
> require Type Accepted equipment *is* illegal, but the actual mod is
> not illegal.

This is true.

> 1) *External* power amplifiers operated below 144 MHz require
> Type Acceptance. That's the *only* amateur equipment that
> requires Type Acceptance. Period.

To be consistent, perhaps it should be said that external amplifiers which
are not operated are no less subject to Type Acceptance. The test is only
whether they are capable of use or are capable of easy modification for use.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

2525. WTB: Multi Elmac AF-67/PMR-6

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: Lee Blaske <lblaske@pclink.com>
Message-ID: <4gag37$sr5@news.pclink.com>
Source record: 205508

I'm posting this for a friend.
Herb, K0UBK, is looking for a Multi Elmac AF-67 and/or Multi Elmac PMR-6
in any condition.

Please contact him at: (612) 455-7898

or, send a post to me and I will forward.

Thanks!

73,

Lee AA0EF
Deephaven, MN

2526. FT-1000D (not MP) vs TS-930

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-19 00:00:00 UTC
From: Scott Ellington <sellington@ssec.wisc.edu>
Message-ID: <4gaiqr$osf@spool.cs.wisc.edu>
Source record: 205509

After many contests with the venerable TS-930, ARRL CW was my first with the FT-1000D. Here are a few observations.

Configuration:

The FT-1000D has all four CW filters, two 500 Hz and two 250 Hz. My TS-930 has the two 500 Hz filters, and been modified to cascade a third 250 Hz filter with the first two. Measured skirt response of both receivers looks about the same at both bandwidths.

Note that over the years I've made some minor adjustments to the TS-930 to improve its receiver performance, and I keep it very carefully aligned. A poorly aligned TS-930 probably wouldn't perform nearly as well. The FT-1000D is about 3 years old and seems to be in perfect shape, but I haven't done anything to it. Many of my quibbles about the FT-1000D should be easy to fix.

****

The FT-1000 AGC is much better, which considerably reduces the pounding the operator's ears take. However, as with the TS-930, an external preamp is required much of the time to get the weaker signals up to the AGC threshold, so one doesn't have to keep riding the AF gain. (Maybe the return of sunspots will take care of this one.) I find the "Fast" AGC of the FT-1000D to be a little too slow for CW.

The FT-1000D has a bit of wide-band hiss when the AGC opens up, generated in the IF amplifier after the cw filters. A minor annoyance with wide-bandwidth headphones.

The FT-1000 QSK is very slow, and it takes half second or so for the AGC to recover. One really can't hear anything between the dots at 30 wpm or so. The TS-930 fully recovers between dots, so one can even hear backscatter echoes, which is useful for judging propagation. The TS-930 AGC recovers instantly, so even very weak signals are audible between the dots. The TS-930 also has the nice feature that in QSK mode you can step on the foot switch and mute the receiver when you get tired of listening to all the noise. The FT-1000 foot switch closes the key circuit in QSK mode, so that won't work.

The lower phase noise of the FT-1000 makes it possible to hear weak signals a little closer to the very strong ones. I never felt the TS-930 phase noise cost me many contacts. On the other hand, with the 250 bandwidth of the FT-1000, I was able to park right between a couple very strong stations and run Europeans on 20, which I don't remember being able to do with the TS-930. Since the skirt response is about the same, the phase noise may make the biggest difference.

Neither receiver has ever shown any sign of problems with front-end overload. The lab tests show that the FT-1000 is a bit better, but the TS-930 was adequate, even in high-sunspot years when there were often a lot more strong signals.

****

In summary, there's no doubt the FT-1000D receiver is excellent, but the TS-930 really isn't much worse. Aside from the maintenance issue, an old TS-930 still makes an excellent contest rig, and it's certainly cost-effective. I'm going to keep them both.

Scott K9MA
sellington@ssec.wisc.edu

2527. Re: BEWARE OF DEALING WITH DERRICK HALL, SEATTLE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: rbrowne@erols.com
Message-ID: <4gb3ni$58r@news1.erols.com>
Source record: 205377
Cross-posted to:
rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,alt.radio.scanner

I have read the below with interest...contact your local PostMaster General...if the below is true, it falls under the federal Mail Fraud Statute, which has SEVERE penalties.

jon scott <jcscott@jcscott.isdn-hywr.pacbell.com> wrote:

>BEWARE OF DELAING WITH DERRICK HALL OF SEATTLE, WASHINGTON!

>On November 17, 1995 I sent him a money order (as he and I agreed) for
>a PK232. He claims to have sent the package but that it was
>returned. I assured him that the address in my letter that
>accompanied the money order was correct (a mail center) and to resend
>the package. As you dear reader, have guessed by now, no package.

>I have called Mr. Hall on 12/1, 12/11, 12/12, 12/13, 12/17, 12/18,
>12/19,12/20/95, 1/2/96, 1/15, 1/22, asking for either PK232 or return
>the money! No money, no PK232.

>He sent me this message:

> *** Forwarding note from DERRICK --PB1 01/22/96 16:05 ***
>"To: jcscott@PacBell.COM

> Subject: NOTE 01/22/96 16:05:00
> I Got your message, that you call this morning. I sent your Money
> order in the mail on friday, I think it was after 5:00 when the mail
> stops up here so it should have went out on saturday. It does not
> matter if you try finding my employer be cause I am the employer so
> if you wanted to say someting you could call me up. Why do you think
> i be gone so much. Well anyways your money should be comming with in
> a few days. And don't call me back!!!!!!!"

>I attempted to respond with:

> "Subject: NOTE 01/22/96 16:05:00
> Derrick
> I have called and paged you numerous times with no return call.
> Specifically I called and left messages on 12/11, 12/12, 12/13,
> 12/17, 12/18, 12/20, 1/2/96, 1/15, and 1/22.

> I originally mailed you the money order on 11/17/95 so you can see
> why I upset about "no communication" from you, no PK232, and no
> returned funds.

> When the money shows up I will cease to call and bother you.

> NOTE 01/22/96 16:05:00" F

>My response to hime was rejected. The postmaster on his system
>responded with:

>" Subject: Identify User
> Your email to Derrick Hall is being rejected because he has run out
> of credits. When he purchases time, he will be able to receive email
> again."

>I called Mr. Hall again on 2/6 and 2/15, same results, no money, no
>PK232. On 2/15 I offered to mention his business practices on the
>net and this note is the result.

>If any body in Seattle reads this and employees this man (I think he
>is an independent contractor) be sure you are getting good value for
>your time and money. He is not very honest in his dealings on the
>Internet.

>Jon Scott

2528. YAESU FT-736R mod for 70cm

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: dpmoore@west.net
Message-ID: <4gb8l6$5gh@daffy.sb.west.net>
Source record: 205378

Does anyone have a mod for the Yaesu FT-736R to allow the 70cm band to extend down to 420Mhz ?? I would appreciate any information on this subject.
Please send response to: dpmoore@west.net Dan Moore WD6CYI

2529. RF interference in Ford Explorer

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: dnorris@k7no.com
Message-ID: <4gb4p2$jsu@news.syspac.com>
Source record: 205379

I recently purchased a Ford Explorer V8 - 2WD. I get some noise in my Alinco DX70T on HF. So..after seeing reference to Ford Service Advisory # 95-11-3 I took it to my local friendly dealer. He said that my radio would void the warrantee and that he would do the work in the service advisory for a cost of about $600. YIKES. Needless to say an S-4 to 6 noise will not be hard to endure.

Anyone have an idea about a less expensive alternative?

TIA

Dean

C. Dean Norris, Esq.
Amateur Radio Station K7NO
e-mail to dnorris@k7no.com

2530. FS - MFJ Super Hi-Q Loop Antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: jaylyle@ix.netcom.com
Message-ID: <4gb83m$bp8@cloner4.netcom.com>
Source record: 205380
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

I have for sale a MFJ Super Hi-Q loop antenna (model 1786). I used it when I was an apartment dweller and now that I bought house, I don't need it. (I put up a GAP Titan DX Vertical)

I works very well, DX and all. It works on 30-10 meters continuous.

It is 36" in diameter, and I have it mounted on a short tripod - ideal for a balcony of and apartment or condo.

It also comes with a semi-automatic indoor tuning unit that you put next to the rig.

I live in the Minneapolis Metro area.

I am asking $175.00 for the antenna and tripod.

Please E-mail if interested.

Jay Lyle KA0CMU

Jay Lyle

2531. Re: IC-706 on PACTOR

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <Dn1yrA.5Ax@iglou.com>
Source record: 205381

Yes. The TS940 has an fsk jack on the back. It has it's own internal tone generator.

Kenneth Grimm (grimm@alison.sbc.edu) wrote:
: In article <DMtyus.Cut@iglou.com>, n4lq@iglou.com (Steve Ellington) writes:
: > I've using the IC-706 on Pactor, opperating in the real FSK mode.
: > I'm here to report that it works wonderfully. I had a nice Pactor qso on
: > 80 meters with another staion over 1000 miles away who was practically
: > inaudible. Amazing throughput and I didn't even kick in the 500hz filter.
: >
: > Results were much better than with my TS-940. I noticed that the cw
: > monitor is turned off on the 706 while in fsk mode. I was accustomed to
: > monitoring my outgoing chirps on the 940. No big deal though.
: >
: > --
: > Steve Ellington N4LQ@IGLOU.COM Louisville, Ky
: --

: Is it possible to operate Pactor on a TS-940 in the real FSK mode?
: I had assumed that you had to use AFSK.

: ____

: Kenneth D. Grimm K4XL
: grimm@alison.sbc.edu
: ____

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

2532. Help ID spy radio.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: gcouger@master.ceat.okstate.edu
Message-ID: <4gbfgk$osj@news.cis.okstate.edu>
Source record: 205382

I need help identifying a transceiver. It was built by Zero Manufacturing Co. With addresses in Burbank CA and Monson Mass. It is housed in a 10 by 4 by 6 inch water proof case that appears to be water proof. It was made in early 1965 with a serial number of 2x.

It covers 3 to 8 MHz and has 4 crystal channels with separate transmit and receive xtals. There no name or the name was on a missing labile in the top of the case. It is AM/CW and all solid state. With 500 cps and 6 kc filters.

The built in key that has to be the worst key I have ever felt. It is a lever that presses down on a regular switch. The antenna attaches to binding post and it has loading, bfo, gain, IND sense and battery test controls. There is a switch marked "whisper" out in near the mike jack. All the jacks are 1/8 inch phono-plugs. It also has a switch that is a 1/4 inch rod about 2 inches long between the mike plug and the built in key. The tuning indicator is a light bulb. The heat sinks look like they would handle 4 or 5 watts.

There is a hole in the upper right of the radio that is 4.75 by 1.75 inches and 3.75 inches deep. There is a 4 pin male plug in the bottom with wires going to all pins. This obviously a battery box. The case is painted army green. There is also an air relief plug that I would guess this is to admit air so it could be opened if it had a vacuum in it.

One PC board is marked AX-78830 rev A and another is x7295381 rev F. The boards are coated with some from of clear
coating and the some of the wiring connections are covered with soft adhesive. It appears to be very similar to a 3M product that is used to glue aluminum skins to foam cores in Brantly helicopter blades.

I assume it is some sort of spy rig designed to survive direct burial.

I would appreciate any help on identifying it and finding documentation on it. Particularly the pin out on the battery.

Thanks
Gordon AB5DG

Thanks
Gordon AB5DG
Gordon Couger
Biosystems & Agricultural Engineering. 114 AG Hall Stillwater, OK 74075
gcouger@master.ceat.okstate.edu 405 744 8392 day 625-2855 evenings

2533. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: cunliffe@frontiernet.net
Message-ID: <4gbc12$1rh4@cheatum.frontiernet.net>
Source record: 205383
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

"Tom V. Pfaffenbach" <tvpfaffe@mail.delcoelect.com> wrote:

>Hi Tom;

>An easy way is to use an RF ammeter and a resistive dummy load. Tune your
>transmitter into the load directly and set it for highest reading on the
>ammeter. P=I*I*R.

>Now go thru your coupler and tune again for maximum ammeter reading.
>Again P=I*I*R. P1-P2=lOSS.

>We are assuming that your best power output occurs at approximately the
>same power input level, in both cases. Generally this is valid, but you
>can also verify the input level independently. It is important that you
>make the measurements with a resistive load.

>DO NOT BE SURPRISED IF YOU FIND LOSSES IN THE ORDER OF 15-30%.

>Happy DXing 73-K9JDU

Well guys, I do matching for a living. I generally tune loads from 15
to 2000 ohms and with phase angles from 0 to +- 88 deg.
As a rule of thumb.... the lower the impedance is and the higher the
phase angle the higher the loss. Now... there is one exception for
that. EVERY load can be matched with reasonable low loss (abt 10-15
%) if the tuner is built with high quality components AND the tune
range is small. Generally there is an inverse relationship between
efficiency and tunerange. The larger the tunerange is the lower the
efficiency for a given frequency. The closer the phase angle is to 0
deg the lower the loss is. So it is no problem to tune a 10 ohm 0 deg
load with a wide tune range tuner and get reasonable low loss. But as
soon as the phase angle changes from 0 deg the loss will rise very
fast . We have a auto tuner for 13.56 mhz in our program that tunes
from 10 ohm -89deg to 2000 ohm +60deg and everything in between. The
average loss is around 50% and can go up to 70%;a lot of heat for a
1kW tuner.
We also have tuners that have only 10% loss but a very narrow tune
range. For the average ham tuner I have measured everything from 5-15%
in to "nice" loads to 50% loss into short 160 and 80m verticals.
The best way to find out is to calculate the exact impedance for a
given frequency of interest and build a "load simulator " for this
frequency with capacitors or coils and using a 50 ohm load to take the
power. With this you could then measure the power into the tuner and
also measure the power into the 50 ohm loss. A program like ECA (TM)
could be used to do this.

==========
John R. Cunliffe N2NEP
cunliffe@frontiernet.net
http://www.frontiernet.net/~cunliffe

2534. Re: Reply Too Chris N7RME about RH250

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4gbm7k$94m@news.ccit.arizona.edu>
Source record: 205384

Al@boltons.demon.co.uk writes:
>In article <01I1D4Z93JYO8WXOAR@SUNBELT.NET>
>braymer@sunbelt.NET "Bobby Raymer" writes:
>>Chris i read your comment about my listening of a Regency RH250
>>radio.The RH250 was tune too the two meter ham bands and a touch
>>tone pad was added for use too a audiopatch on most repeaters.The
>>key pad that come on the is still on this radio and working,Its also use
>>too program the radio on what every freq you want and also set the pl's
>>up.Sound like you dont know what your talking about and have never
>>seen or even use a Regency RH250 commercial radio.
>>from Bobby Raymer AD4HL Algood,Tennessee
>I'm just fascinated by the "English" in use by AD4HL...
>But what does it mean????
>Al Bolton
>G4VSQ/OK8VSQ
>Proud owner of a Regency handheld..

Gee, guess I missed AD4HL's flame attempt 'till now. No matter. To answer some questions created by his interesting post, I'm very familiar with the toy in question. As a SAR volunteer since 1983, I've used these radios almost daily. They are rather old and quite limited in performance, so they're all but gone from service hereabouts. Personally, I've bought two RH250, one RH252 and two Wilson WU1510 models. The Wilson's worked when I bought them, the Regencys were bought 'busted. I troubleshot and repaired all but one RH250, which requires more parts.

My original reply to AD4HL's post was not intended as a flame, and said so. Nor is this intended as a flame. His post raised what for me were some curious questions. Will the RH250 retune so widely? Perhaps. But his post appeared to say that it would cover roughly 30MHz bandwidth in operation. Wow. The radio was designed to do only 12MHz worth, so I was impressed and curious.

It should be noted that Relm still sells these radios, where the Regency and Wilson units are long gone. But I've never seen a used one go for over $80 in any condition, except the UHF models which seem to do much much better in resale value. I've seen people request as much as $300 for a used RH250, but they ended up taking it home. Most RH250's I've seen for sale had asking prices from $100 to $150. My RH252 was $2 (TWO DOLLARS), one RH250 was $40 and the last was $80 in repair costs, otherwise free. Actually, the RH252 did need another $5 for a speaker.

Chris (much bemused and entertained) Weddle
N7RME

2535. Collins 30L-1 articles

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: Danie Brynard <bryd@kidd.co.za>
Message-ID: <4gbogc$har@igw01.kidd.co.za>
Source record: 205385

I am looking for articles or references to articles on the Collins 30L-1
HF linear amp.

danie zs6awk
BRYD@KIDD.CO.ZA

2536. Are Ten-Tec Transverters Any Good?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: zaax@aol.com
Message-ID: <4gbt6f$h55@newsbf02.news.aol.com>
Source record: 205386

I would be interested in hearing from anyone that has built a Ten-Tec 6 metre
transverter. How good is the receiver? Would you build one again? Any impressions would be most welcome!

73 Zack Schindler
N8FNR

2537. OLD BOOK WANTED

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: Bill <debral@falcon.cc.ukans.edu>
Message-ID: <1996Feb20.013718.114388@kuhub.cc.ukans.edu>
Source record: 205387

Trying to find:

"Understanding Amateur Radio"
by George Grammar, ARRL
paperback

Prefer mint conditon, but will consider others.

73s

Bill
AA4FM/0

2538. Re: IC-706 on PACTOR

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: jsmith@mnsinc.com
Message-ID: <3129be19.608270637@news1.mnsinc.com>
Source record: 205388

grimm@alison.sbc.edu (Kenneth Grimm) wrote:

>
>Is it possible to operate Pactor on a TS-940 in the real FSK mode?
>I had assumed that you had to use AFSK.

I operate PACTOR with my TS-940 using the "real" FSK mode.
By the way, if you look at the schematic, you will see that the TS-940
generates "real" FSK using an AFSK generator (jumper selectable shift
170/425/850 Hz.) It does, however, shift the injection frequency so
that the carrier and unwanted passband have increased rejection
compared with putting your AFSK into the microphone or aux input and
operating on LSB.

Jack Smith K8ZOA

Jack Smith
jsmith @mnsinc.com

2539. WTB ICOM CW FILTER

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: flanders@znet.groupz.net
Message-ID: <4gbeq7$u56@news1.sunbelt.net>
Source record: 205389
Cross-posted to: rec.radio.amateur.equipment,rec.ham-radio.swap,rec.radio.amateur.misc,rec.radio.amateur.swap,rec.radio.swap

I want to buy a CW filter for my ICOM Ham Radio.

I need the FL52A (500Hz BW) for the 455KHz IF.

These fit several of the ICOM radios.

How much?

Jerry W4UKU flanders@groupz.net

2540. FT-51R and Computer HOW?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: gearloos@gnn.com
Message-ID: <4gc6h1$ll4@news-e2a.gnn.com>
Source record: 205390

Hi and Thanks in advance for any help.
Does anyone out there know what I need...software/hardware-cables
etc...I have a Pentium running either win95, win 3.1, Win 3.11,or
Dos 6.22. I even have os\2warp so the operating sys is no prob.
And; I have a FT51R.
How do I interface the two?
Also any mods for this rig would be greatly appreciated as I have
heard of none for it yet.
73...de...Kevin

2541. Re: Cheap, portable HF receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: nickwb4sqi@aol.com
Message-ID: <4gcbor$jsu@newsbf02.news.aol.com>
Source record: 205391

Anybody had any experience with the DX-394 from RS. It's new, digital and looks good and priced at $399. Seems to be loaded with options but at this price something must be missing....

Nick

WB4SQI

2542. Yaesu FT-736R Mod for 70cm band

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: dpmoore@west.net
Message-ID: <4gcnit$euh@daffy.sb.west.net>
Source record: 205392

Does anyone have a modification for the Yaesu FT-736R to allow operation in
the 70cm band down to 420Mhz? I would appreciate any advice regarding this
subject, I dont even know if its possible to extend the range on the FT-736R.
Please send response to: dpmoore@west.net
Thanks

-Dan Moore WD6CYI

2543. Yaesu FT-736R Mod for 70cm band ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: dpmoore@west.net
Message-ID: <4gco9t$euh@daffy.sb.west.net>
Source record: 205393

Does anyone have a modification for the Yaesu FT-736R to allow operation in the 70cm band down to 420Mhz? I would appreciate any advice regarding this subject.
Please send response to: dpmoore@west.net
Thanks

-Dan Moore WD6CYI

2544. Re: IC-706 on PACTOR

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <Dn2x76.165@iglou.com>
Source record: 205394

Using the 940 in FSK mode makes the freq read 170hz off from other rigs.
A pain in the neck. I kept a calculator handy.

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

2545. How to clear autodial memories in ft51r??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <4gcqed$p27@newsbf02.news.aol.com>
Source record: 205395

I have a FT51r and can't seem to figure out how to clear an autodial memory when you want to put a new number in it's place. The manual doesn't seem to explain it...I could do it with the ADMS software and reprogram the HT but I'd like to know if there is a way to do it manually. It seems that if you have an old number in a slot, as you type in a new number, if there are any digits still in place from the old memory they stay there so that your new number will have some garbage digits appended to it. HELP!
73's Mike KS4DA

2546. Motorola P200 Uhf

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: amico@abest.com
Message-ID: <4gcs2n$659@news.abest.com>
Source record: 205396

I'm selling a P200 Uhf, 5-W, ^-Ch. with drop-in charger, $395.00

E-Mail if interested, alex@abest.com

2547. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: macino@mail.fwi.com
Message-ID: <4gcs28$srg@news.ios.com>
Source record: 205397
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In <3128BE66.60B0@uiuc.edu>, "C. J. Hawley" <c-hawley@uiuc.edu> writes:
>macino@mail.fwi.com wrote:
>>
>> In <4g2j6u$12e1@chnews.ch.intel.com>, tom_boza@ccm.ch.intel.com (WB7ASR) writes:
>> >How can you tell how much RF power an antenna tuner is consuming
>> >when in use?
>> >
>> >Is this a trick question? How about putting a wattmeter just in front of it, measure
>> the power in, then put the wattmeter on the output side and measure the power
>> out. The difference should be WATT your loosing in the tuner.
>>
>> 73's WD9AHF - JimWell, the wattmeter will have to work at the output impedance of the
tuner.......
>Did anyone read the series of articles last year on tuner losses? Some of the comments
>posted here are contrary to the findings of the author. One that comes to mind is that
>the loss is independent of the impedance being matched. The articles usually showed that
>losses were greater for the same SWR when the impedance of the load was low rather than
>high. The author, Frank Witt AI1H, used the fact that the SWR measured at the input of a
>tuner with loss will not correctly report the mismatch at it's output. The losses are
>proportional to the error in the reported SWR. For example, he adjusts a tuner to 1:1
>for a 100 ohm load. Then he replaces the load with a 50 ohm load, and then a 200 ohm
>load. The deviation of the SWR from 2:1 in both cases is due to the loss in the tuner.
>Read the articles April,May 1995. What do you guys think?
>--
>
>
>Charles Jack Hawley Jr.
>Amateur Radio KE9UW (A.K.A. 'Chuck' in Ham Radio)
>BMW K100RS, BMWMOA #224 (A.K.A. 'Jack' in Motorcycles)
>hawley@aries.scs.uiuc.edu
>Sr. Research Engineer Emeritus
>Univ of Ill, Urbana-Champaign
>
>
Hi again,
I think you are complicating a pretty basic problem. Why not just put a non
reactive load that matches what you think is your feed point impedance and
measure Current and voltage there, and back at the transmitter, again using a
non reactive load do the same. If the two power readings don't match, that's
the loss. Did you ever build an amplifier and tune the inductor for the maximum
efficiency? Maybe I've landed in the middle of a thread that I don't know whats
gone on before, but I can't see what your hung up on. Sorry
Jim

2548. Re: Collins 30L-1 articles

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: dara@physics.att.com
Message-ID: <4gctrk$94t@nntpa.cb.att.com>
Source record: 205398

Danie Brynard (bryd@kidd.co.za) wrote:
: I am looking for articles or references to articles on the Collins 30L-1
: HF linear amp.

: danie zs6awk
: BRYD@KIDD.CO.ZA

CQ had an article by Bill Orr last fall.

Shel WA2UBK

2549. Re: Kenwood TS-60S 6 Meter all-mode 100W Mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: denoid95x@aol.com
Message-ID: <4gcv8o$qkf@newsbf02.news.aol.com>
Source record: 205399

This indeed a sweet deal if only I had $725! I have a 10W all-mode version that does well when the conditions are right! But hell 1 watt will do just about the same!!! Antenna, Antenna, Antenna! ahh, maybe location too! <grin>

Hope you have luck selling it!

N9RLR/2
Syracuse, NY

2550. help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: L.GFebus.Orthez@rectorat.ac-bordeaux.fr
Message-ID: <L.GFebus.Orthez.31.0011DECA@rectorat.ac-bordeaux.fr>
Source record: 205400

Christophe Marchal's Super Marathon

WE NEED YOUR HELP TO FIND CLASSES WHO WOULD MEET CHRISTOPHE WHEN HE ARRIVES IN YOUR COUNTRY THANKS

An educational project by Jean-Marc Dumont, English teacher at Lycee Gaston Febus High School, Orthez, France.

OBJECTIVES:

-To allow the pupils, through the use of Internet and the amateur radio station F6KGF,run by Gaston Febus' radio club, to follow the sporting exploits of Christophe Marchal, who will take part, in his wheelchair, in the Five Continents Marathon from 25 May to 16 June 1996.
-To bring together pupils and the handicapped
-To sensitize pupils to the possibility of surpassing oneself
-To make use of modern means of telecommunication
-To work with a desktop publishing package on writing in reaction to information on the Internet
-To allow our pupils to communicate with pupils in the countries Marchal passes through
-To introduce pupils to the wonderful world of Amateur Radio.

The classes

The whole school i.e. about 800 pupils aged 11-18, plus all the participating pupils in the countries Marchal passes through.

The subjects

This is a multi- and cross-disciplinary project; the majority of teachers from Gaston Febus are involved.

The schools involved

Lycee College Gaston Febus in Orthez, Tamalpais High School, Redwood High School and Drake High School in San Francisco, and several schools elsewhere in the USA, in Great Britain, Canada and Australia, all of which are linked by the Global Village project on the Internet.

Activation and Operation

As soon as Marchal arrives in a country, pupils from its schools will come to meet him and will communicate news by Internet or by amateur radio links if the Internet is not available. Pupils from Gaston Febus will then broadcast this news on news group pages (Global Village project), on their Web page on the Internet, on local radio, in the on-line press and in local newspapers, as well as to short-wave international radio stations - The

Voice of the Andes in Quito, Ecuador, Radio Australia International, Radio France International - either by Internet or by fax.

Project 'Amateur Radio Operator'

We will launch a National Appeal amongst amateur radio operators to help Marchal, himself a radio operator (F5TGY) to finance his project. The donations will be collected by the 'Association Basco-Bearnaise des Radioamateurs' in Pau, France. We shall work in partnership with the IDRE and the REF.

Activation and Operation

A national appeal will be launched to help Marchal to finance his project. Various partners will be sought.
An Amateur Radio Operator's Diploma will be created.
The Amateur Radio enthusiast Associations of the countries visited will be brought into the project.

The F5TGY 'Association Basco-Bearnaise des Radioamateurs' Contest

To obtain the Five Continents Supermarathon Diploma an amateur radio station will have to contact at least ten stations in the country where F5TGY happens to be at the time. This means, for example that a station contacted in the United States can oonly be valid for the diploma if Christophe Marchal is in the US on the day and at the time of the radio contact. Completed logs should be sent before 30 July 1996 to F5RKJ who is the QSL manager and judge of the contest. This contest will run from 25 May 08:00 UTC until 16 June 15:00 UTC. Each station contacted will count for one point, two points if this station is in the town where the marathon is taking place ON THAT DAY. In the log reports, the date and time (in universal time) of contact and the town and call sign of the correspondant must all be noted. The same station may only be contacted more than once if on a different band each time.

TIMETABLE OF EVENTS

Friday 24 May 1996: 09:00 Departure Paris - London
Saturday 25 May 09:00 Prologue 15km in a London park
15:00 Flight London - Los Angeles (12hr flight)
Monday 27 May 09:00 MARATHON - Los Angeles area
Thursday 30 May 22:30 Flight Los Angeles - Sydney (14hr flight)
Sunday 02 June 08:00 MARATHON - Rainbow Beach area
Tuesday 04 June 09:20 Flight Brisbane - Darwin
Wednesday 05 June 23:00 Flight Darwin - Bali (3 hr flight)
Friday 07 June 08:00 MARATHON
Sunday 09 June 14:00 Flight Denpasar - Perth (Australia)
Monday 10 June 11:25 Flight Perth - Johannesburg (10hr flight)
18:00 Flight Johannesburg - Capetown
Wednesday 12 June 09:00 MARATHON
Saturday 15 June 19:45 Flight Capetown - London (11hr flight)
Sunday 16 June 07:00 Arrival London
09:00 Arrival Paris

13:00 FINAL 15 OR 20 KM in PARIS

2551. ADI sender 145 2m handheld

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: Jarmo Raisanen <jami@clinet.fi>
Message-ID: <312A8F67.1FF0@clinet.fi>
Source record: 205401

Does anyone kwow how to reset ADI sender 145 Tranceiver ?
Display is blinking when power is turned on.
If you have any information , please send to:

Jarmo Raisanen OH7JR
email: jami@clinet.fi

2552. ADI sender 145 2m handheld

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: Jarmo Raisanen <jami@clinet.fi>
Message-ID: <312A8F79.740B@clinet.fi>
Source record: 205402

Does anyone kwow how to reset ADI sender 145 Tranceiver ?
Display is blinking when power is turned on.
If you have any information , please send to:

Jarmo Raisanen OH7JR
email: jami@clinet.fi

2553. Yaesu FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: DEVENNEY@VM.TEMPLE.EDU
Message-ID: <17733B1B5S86.DEVENNEY@VM.TEMPLE.EDU>
Source record: 205403

Any comments, pro or con on this radio would be appreciated. Also wonder how it performs from 450-463 MHz. Thanks.

2554. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: gsparks@ix.netcom.com
Message-ID: <4gd2b8$k3m@cloner4.netcom.com>
Source record: 205404
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In <4gcs28$srg@news.ios.com> macino@mail.fwi.com writes:
>
>In <3128BE66.60B0@uiuc.edu>, "C. J. Hawley" <c-hawley@uiuc.edu>
writes:
>>macino@mail.fwi.com wrote:
>>>
>>> In <4g2j6u$12e1@chnews.ch.intel.com>, tom_boza@ccm.ch.intel.com
(WB7ASR) writes:
>>> >How can you tell how much RF power an antenna tuner is consuming
>>> >when in use?

My old Elmer I had when I was 14 answered the question like this, How hot is your tuner getting? RF is energy, it is going to be radiated as RF or Heat. He then went on to expain IHHO that he considered Tuners with coax or balans was just making the operator feel good, that only ladder line was acceptable with a tuner. Actually he wasn't very humble about his opinions.

Glenn Sparks KI5GY

2555. radios for salr

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: bsmyth@warwick.net
Message-ID: <4gd28b$ivp@news1.warwick.net>
Source record: 205405

Path:
Zeno.ksc.nasa.gov!algol.ksc.nasa.gov!niven.ksc.nasa.gov!ames!dont-send-mail-to-path-lines
From: <paojsc@nasamail.nasa.gov>
Newsgroups: nasa.nasamail.p
Subject: STS-65 MCC Status #13
Date: 14 Jul 1994 15:12:38 -0700
Organization: NASA Ames Research Center, Moffett Field, CA
Lines: 21
Sender: daemon@news.arc.nasa.gov
Approved: telemail
Message-ID: <RJJE-3158-4850@nasamail>
NNTP-Posting-Host: news.arc.nasa.gov

Mission Control Center
STS-65 Status Report #13
6 p.m. July 14, 1994

Columbia's astronauts continued around-the-clock science work in the Spacelab module housed in the payload bay, taking time to provide details of the STS-65 mission during an interview earlier today.

Commander Bob Cabana and Pilot Jim Halsell took time out of their schedules to talk with NBC's Today Show, Weekend edition, about the mission objectives and how they relate to future work on the International Space Station. They also discussed and compared their work as test pilots to being pilot astronauts. The interview is expected to air Sunday morning.

Mission Specialist Rick Hieb and Payload Specialist Chiaki Mukai each worked a full day in support of the second International Microgravity Laboratory mission, following a half day off each yesterday.

The remaining three astronauts aboard Columbia -- Carl Walz, Leroy Chiao and Don Thomas -- woke up a little more than an hour ago and will relieve the current shift of crew members about 8 p.m.

Columbia is circling the Earth every 90 minutes at an altitude of 163 nautical miles.

The Johnson Space Center newsroom is open between the hours of 7 a.m. and 6 p.m. during the week. NASA issues four status reports daily during the mission: Orbiter status reports from Mission Control at about 8 a.m. and 6 p.m., and science operations reports from Spacelab Mission Operations Control in Huntsville at approximately 6 a.m. and 6 p.m.

--end--

2556. IC-SM5 microphone pinout?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: wilson@afn.org
Message-ID: <4gd32r$6ch@huron.eel.ufl.edu>
Source record: 205406

I recently sold my IC720A and bought an IC706. I retained the SM5 microphone I was using with the older rig because I hoped to recycle it for use with the newer one.

Unfortunately, I am unable to locate the desk mic's pinout. It uses four conductors on its 8-pin round connector. The '706 uses an RJ45 telephone-style connector. Does anyone have docs on the former?

Or equivalently, I could infer an answer if I knew the wiring of the OPC-589, an ICOM kludge cable which adapts the 8-pin round to RJ45.

I just want to do it the right way (without using the kludge).

Jim, WA5BRB

2557. Re: BEWARE OF DEALING WITH DERRICK HALL, SEATTLE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: jesse@freenet3.scri.fsu.edu
Message-ID: <4gd4qm$9bj@freenet3.scri.fsu.edu>
Source record: 205407
Cross-posted to:
rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,alt.radio.scanner

This guy sounds like a crook to me. If he uses the mail in his
business, you could contact his local postmaster concerning mail
fraud. Many big crooks and whitewater types have been caught on the
mail fraud rap. I wish you good luck in getting your money back and
this creep out of the business.

JBT
--
Dr. Jesse B. Taintor, Director of Data Processing, Policy Sciences, FSU
Internet: jtaintor@coss.fsu.edu Office (904) 644-3848
Home (904) 224-6888 FAX (904) 644-0581
"No more good must be attempted than the public can bear." T. Jefferson

2558. RTTY, fax, shortwave ->Mac

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: boss@berkshire.net
Message-ID: <boss-2002960833480001@ppp27.berkshire.net>
Source record: 205408

Can anyone tell me what is needed to hook a Mac to a shortwave to recieve
rtty and other info?
Any response would be appreciated.
If pity motivates you this is for a blind person.

Thanks in advance

2559. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <Dn37ss.H55@iglou.com>
Source record: 205409
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

I'm glad to see this tuner/loss thing come to light.
Theres a LOT of hams out there that think that if they ditch their resonant, matched antennas and go to open wire line with a tuner/balun that they get a big boost in signal.

Used to be; back in the olde days you could take advantage of a tuners additional harmonic suppression. Now with the new rigs, this is no longer a problem

Could the bottom line here be:

You are better off with an antenna that requires no tuner i.e. parallel dipoles, seperate antennas that require no matching etc.

Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

2560. WTB: S-38 and S-40B Receivers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: Bill Kirk <billk@conic.loral.com>
Message-ID: <4gd5vl$dk3@wdl1.wdl.loral.com>
Source record: 205410

I am interested in any S-38 and S-40B Hallicrafters receivers. Please respond directly to my E-Mail address with what you have, condx, price, etc.. Am also interested in "parts" for these old radios, including knobs or what have you.

Thanx!

Bill W6RQQ

2561. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: mai@iquest.net
Message-ID: <Dn34q0.x9@iquest.net>
Source record: 205411
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

"C. J. Hawley" <c-hawley@uiuc.edu> wrote:
>macino@mail.fwi.com wrote:
>>
>> In <4g2j6u$12e1@chnews.ch.intel.com>, tom_boza@ccm.ch.intel.com (WB7ASR) writes:
>> >How can you tell how much RF power an antenna tuner is consuming
>> >when in use?
>> >
>> >Is this a trick question? How about putting a wattmeter just in front of it, measure
>> the power in, then put the wattmeter on the output side and measure the power
>> out. The difference should be WATT your loosing in the tuner.
>>
>> 73's WD9AHF - JimWell, the wattmeter will have to work at the output impedance of the
tuner.......
>Did anyone read the series of articles last year on tuner losses? Some of the comments
>posted here are contrary to the findings of the author. One that comes to mind is that
>the loss is independent of the impedance being matched. The articles usually showed that
>losses were greater for the same SWR when the impedance of the load was low rather than
>high. The author, Frank Witt AI1H, used the fact that the SWR measured at the input of a
>tuner with loss will not correctly report the mismatch at it's output. The losses are
>proportional to the error in the reported SWR. For example, he adjusts a tuner to 1:1
>for a 100 ohm load. Then he replaces the load with a 50 ohm load, and then a 200 ohm
>load. The deviation of the SWR from 2:1 in both cases is due to the loss in the tuner.
>Read the articles April,May 1995. What do you guys think?
>--
>
>
>Charles Jack Hawley Jr.
>Amateur Radio KE9UW (A.K.A. 'Chuck' in Ham Radio)
>BMW K100RS, BMWMOA #224 (A.K.A. 'Jack' in Motorcycles)
>hawley@aries.scs.uiuc.edu
>Sr. Research Engineer Emeritus
>Univ of Ill, Urbana-Champaign
>
>
Chuck -
One small hint needed - April and May of which publication?

Patrick WB9IQI

2562. Re: info on multiband qrp kit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: wayne@interval.com
Message-ID: <wayne-2002961205100001@burdick.interval.com>
Source record: 205412

In article <4g6tnj$b9o@squick.apana.org.au>,
plove@PROBLEM_WITH_INEWS_DOMAIN_FILE (Paul Love) wrote:

>Norm Hammar (norm@cqg.cqg.com) wrote:
> : My son and I are looking to build an HF QRP (or otherwise) transceiver
> : for use on 80, 40, and 15 meters

> This sort of thing sounds marvelous, but down here in VK, we just don't have
> kit providers, wonder if it's possible to just order from US. ?

Wilderness Radio sells the Sierra, an all-band, very compact superhet CW transceiver kit. The rig uses band modules to eliminate band-switch wiring, relays, PIN diodes and other complicated circuitry. All controls and connectors are mounted on the PC board, so there's no chassis wiring. Wilderness also has a very popular single-band kit (the NorCal 40A) as well as the KC1 universal keyer/frequency counter for QRP rigs.

If you have technical questions, I'm the guy; I designed the kits, originally as club projects for the Northern California QRP Club. For other information call Bob Dyer at (415) 494-3806, or write to him at Wilderness Radio, P.O. Box 734, Los Altos, CA 94023-0734, U.S.A.

73,
Wayne
N6KR

2563. TM 455A Mod

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: bfleet@mbl.edu
Message-ID: <bfleet-2002961310380001@smac2.mbl.edu>
Source record: 205413

Does anyone have a hardware or software mod for the Kenwood TM455A to operate 440-450? Any info would be appreciated.

2564. Mods for Standard C5718?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: kwon2m@aol.com
Message-ID: <4ge2g0$8mv@newsbf02.news.aol.com>
Source record: 205414

Looking for mods for the Standard C5718DA. Email kwon2m@aol.com. Thanks.

2565. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: w7el@teleport.com
Message-ID: <4gdfng$4ov@maureen.teleport.com>
Source record: 205415
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In article <4ga0lt$dho@news.ios.com>, macino@mail.fwi.com wrote:
>In <4g2j6u$12e1@chnews.ch.intel.com>, tom_boza@ccm.ch.intel.com (WB7ASR)
writes:
>>How can you tell how much RF power an antenna tuner is consuming
>>when in use?
>>
>>Is this a trick question? How about putting a wattmeter just in front of
it, measure
> the power in, then put the wattmeter on the output side and measure the
power
> out. The difference should be WATT your loosing in the tuner.
>
> 73's WD9AHF - Jim

The problem with doing that, Jim, is that the impedance on the output of the tuner may not be anywhere near 50+j0 ohms. (After all, that's why we need tuners, no?) If you know where I can get a wattmeter I can insert into a feedline looking into 2000 - j600 or 2 + j750 ohms and get an accurate (or even approximate!) reading, please let me know!

73,
Roy Lewallen, W7EL

2566. 2 Meter Radios For salr

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: bsmyth@warwick.net
Message-ID: <4gdhuh$re2@news1.warwick.net>
Source record: 205416

1]ICOM 281H Mobil with 50 ft of RG-8 cable and
Ringo Ranger ant. $275

1] Kenwood TH-22AT.................$175

BOTH RADIOS ARE BRAND NEW CONDITION

E-MAIL ME FOR MORE INFO!!!!

2567. Re: Alinco DX - 70T

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: hamradio@camalott.com
Message-ID: <4gd19c$mjl@news.innet.com>
Source record: 205417

Thanks to everyone who commented on the Alinco DX-70T KC5OQE

2568. FT530 BNC Prob THANKS FOR THE HELP!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: jwdxt@boco.co.gov
Message-ID: <4gdhq9$8gv@news-1.boco.co.gov>
Source record: 205418

To the guys who took the time to reply to my post about BNC connector problems on my two FT-530s, THANKS! Both radios had exactly the problem you described, that is the solder connection for the center pin was cracked. I was able to fix both radios in about 20 minutes and they work great.

Thanks to John - W6XE, and others who's names have fallen out of my email inbox.

Jim Deeming
KB0MED

2569. Collins 180V-2 Antenna Coupler

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: bhinkle@nc5.infi.net
Message-ID: <4gdjjv$dq9@nw002.infi.net>
Source record: 205419

I have a Collins 180V-2 antenna coupler. Does anyone know much about these? I got it in a station buyout deal. It seems to be an automatic tuner of some sort but I don't have any info on it at all. What is it worth?

Tnx & 73

Barry - KT4DQ

2570. Re: BEWARE OF DEALING WITH DERRICK HALL, SEATTLE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: jon scott <jcscott@jcscott.isdn-hywr.pacbell.com>
Message-ID: <NEWTNews.824874923.28527.jcscott@jcscott1.isdn-hywr.pacbell.com>
Source record: 205420
Cross-posted to:
rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,alt.radio.scanner

In Article<4g7ib1$s3b@whidbey.whidbey.com>, <subbustr@whidbey.net> write:
> Path:
pacbell.com!gw2.att.com!news.midplains.net!chi-news.cic.net!nntp.coast.net
!news.kei.com!newsfeed.internetmci.com!news.sprintlink.net!whidbey.!usenet

> From: subbustr@whidbey.net (DAVE M . SCHERTZER)
> Newsgroups:
rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.equ
ipment,rec.radio.amateur.digital.misc,alt.radio.scanner
> Subject: Re: BEWARE OF DEALING WITH DERRICK HALL, SEATTLE
> Date: 18 Feb 1996 15:58:25 GMT
> Organization: DND CF DET Whidbey Is. WA
> Lines: 4
> Message-ID: <4g7ib1$s3b@whidbey.whidbey.com>
Hi Folks,
Today (2/20/96) I was able to confirm that Mr. Hall indeed
has defrauded me - I called him twice this AM and he hung
up on me both times. I would love to post this to a Seattle
news group as one responder (Mr. Schertzer) suggested but
my news provider does not give me access to
seattle.forsale.misc.

Thanks also to others that suggested methods to try and
reduce getting taken in business transactions on the
internet.

Jon Scott

> References:
<NEWTNews.824617653.11675.jcscott@jcscott1.isdn-hywr.pacbell.com>
> NNTP-Posting-Host: asn133.whidbey.net
> Mime-Version: 1.0
> X-Newsreader: WinVN 0.93.11
> Xref: pacbell.com rec.radio.swap:50374 rec.radio.shortwave:70700
rec.radio.scanner:48143 rec.radio.amateur.equipment:27201
rec.radio.amateur.digital.misc:15125 alt.radio.scanner:19994
>
> You might consider posting this to:
>
> seattle.forsale.misc - newsgroup also?
>

2571. Upcoming Hamfest - Freeport, Long Island NY

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: "H. Mark Nadel" <hmn@i-2000.com>
Message-ID: <312ABB4C.5E21@i-2000.com>
Source record: 205421

--
Sunday February 25, 1996, LIMARC, The Long Island Mobile Amateur Radio Club invites you all to the WINTER HAMFEST at the New York State Armory located at 63 Babylon Turnpike, Freeport, Long Island, NY.

Doors open 9:00 am to the general public. For additional information contact Mark at 516-796-2366 or email.

This is an indoor event and will take place rain or shine.

2572. YAESEU FT2400 QUESTIONS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: rh3333@aol.com
Message-ID: <4gdv70$7go@newsbf02.news.aol.com>
Source record: 205422

I have just acquired this portable 2Meter radio in a "lot" deal. Can anyone give me any comments, information and estimated value of this unit.

If you have operators manual or other paperwork, it would GREATLY be appreicated.

THANX
RH3333@aol.com
Richard Hale
902 Lothian Dr.
Tallahassee, FL. 32312
904 386-2729 Phone
904 386-2560 FAX

2573. Drake 4 Accessories and Info

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: calbeech@aol.com
Message-ID: <4ge2rn$8qe@newsbf02.news.aol.com>
Source record: 205423

I obtained a Drake TR4CW/RIT some time ago and have decided that I would like to make it work. Since I only have the transceiver and nothing else, I was wondering what sorts of accessories were available for them. I would like to make the Drake the cornerstone of my HF station and would like to adorn it with as many Drake accessories as possible. If you know what was available for them, or have some Drake stuff to sell, please EMAIL me. Thanks.

73 DE N6YNQ - Cal Beech

2574. Re: FT-51R and Computer HOW?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: gottria@earthlink.net
Message-ID: <312A585E.2F11@earthlink.net>
Source record: 205424

gearloos@gnn.com wrote:
>
> Hi and Thanks in advance for any help.
> Does anyone out there know what I need...software/hardware-cables
> etc...I have a Pentium running either win95, win 3.1, Win 3.11,or
> Dos 6.22. I even have os\2warp so the operating sys is no prob.
> And; I have a FT51R.
> How do I interface the two?
> Also any mods for this rig would be greatly appreciated as I have
> heard of none for it yet.
> 73...de...KevinKevin, you guy the whole kit from HRO or anyother supplier. It comes with the cable and the softwear for $40.00(US). I have th kit for the Yeasu FT-8500 and it works great.

2575. GE PLS port.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: "James R. Reid" <reidj@rpi.edu>
Message-ID: <Pine.SUN.3.91.960220164544.10546B-100000@rebecca.its.rpi.edu>
Source record: 205425

Does anyone know if the GE PLS is field programable or not? If so How?
Thanks in advance for any help.

Jim Reid

2576. FS: ICOM U16 UHF HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: jcausey <jcausey@ni.net>
Message-ID: <312AC1E3.6F2E@ni.net>
Source record: 205426

For sale: Icom U16 UHF commercial/amateur HT. Tuned by factory. Keyboard programmable.

2577. WTB: SM-230 Kenwood Station Monitor

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: Bill Crocker <billc@mail.rust.net>
Message-ID: <312A3C07.6D6@mail.rust.net>
Source record: 205427

I am looking for a good deal on a Kenwood SM-230 Station Monitor Scope.
Must be in "like new" condition.

Thank you, Bill Crocker

2578. Re: Helping a begginer can be your good deed for the week

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-20 00:00:00 UTC
From: Owen Adair <owen.adair@turner.com>
Message-ID: <3129F2F6.5A15@turner.com>
Source record: 205428

Christopher K Greenhalgh wrote:
>
> In article <mwhite-1902960943460001@m14494-mac.mitre.org>,
> Michael White <mwhite@mitre.org> wrote:
>
> >Every radio station has three parts: a transmitter, a receiver, and an
> >antenna.
>
> Not entirely true...I know of a few commercial "radio stations" that dont
> have a "receiver". :)

And of course, don't forget a few ham radio stations that have a
receiver, but don't use it very much. :-)

Michael - thanks for a well written piece. Someone should put this in a
FAQ if there is one...

73
Owen

Owen Adair WD4FSU owen.adair@turner.com (404) 827-3293
Turner Broadcasting System Atlanta, GA

2579. Re: FT-51R and Computer HOW?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: horseflyer@aol.com
Message-ID: <4ggdfv$jf0@newsbf02.news.aol.com>
Source record: 205310

It is an approx. 30 dollar cable and software package from YAESU. Call any YAESU dealer for more info. Or contact the YAESU home page. http://www.yaesu.com and look at the ADMS-1 stuff.

Hope it helps.

Jon

2580. Re: rec.radio.swap

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: horseflyer@aol.com
Message-ID: <4ggdoq$ji9@newsbf02.news.aol.com>
Source record: 205311

probably because everyone is posting their FS stuff in other newsgroups.

2581. HELP: Icom 728 mods..

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: torarne@internet.no
Message-ID: <312ba5a3.19264329@news.internet.no>
Source record: 205312

Can anyone be so kind to tell me how i get my Icom IC-729 (728) to
transmit on all frequency on HF. Other tips on mods will allso be welcome.

Thank you

- torarne@internet.no -

2582. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: "Ian White, G3SEK" <G3SEK@ifwtech.demon.co.uk>
Message-ID: <io6alDAu03KxEwb$@ifwtech.demon.co.uk>
Source record: 205313
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In article <4gdfng$4ov@maureen.teleport.com>, Roy Lewallen wrote:
>In article <4ga0lt$dho@news.ios.com>, macino@mail.fwi.com wrote:
>>In <4g2j6u$12e1@chnews.ch.intel.com>, tom_boza@ccm.ch.intel.com (WB7ASR)
>writes:
>>>How can you tell how much RF power an antenna tuner is consuming
>>>when in use?
>>>
>>>Is this a trick question? How about putting a wattmeter just in front of
>it, measure
>> the power in, then put the wattmeter on the output side and measure the
>power
>> out. The difference should be WATT your loosing in the tuner.
>>
>> 73's WD9AHF - Jim
>
>The problem with doing that, Jim, is that the impedance on the output of
>the tuner may not be anywhere near 50+j0 ohms. (After all, that's why we
>need tuners, no?) If you know where I can get a wattmeter I can insert into
>a feedline looking into 2000 - j600 or 2 + j750 ohms and get an accurate
>(or even approximate!) reading, please let me know!

One way around this problem would be to borrow a second, identical
tuner. Tune the first one into the antenna system as usual, for minimum
VSWR at the TX end. Then connect the second tuner back-to-back into a
50-ohm absorption wattmeter (or Bird 43 and dummy load) and tune that
one also for minimum VSWR at the TX end. The power loss (in dB) in a
single tuner will be one-half of the total.

That would get around the problem of measuring output power into an
arbitrary complex impedance, and also get around the problem that the
loss in any tuner will depend on the impedance to be matched.

Note also that the loss in a tuner that has more than two independent
adjustments (eg two variable Cs and a variable L) will also depend on
which combination of settings you choose. Even though there will be many
ways to achieve a 1:1 match, different combinations of settings will
affect the loaded Q and hence the loss.

All you need to do is find someone else who has the same kind of tuner
and is equally keen to know the losses.

73 from Ian G3SEK Editor, 'The VHF/UHF DX Book'
'In Practice' columnist for RadCom (RSGB)
Professionally:
IFW Technical Services Clear technical English - anywhere.

2583. HF receive for Yaesu FRG9600??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: "Michael G. Reiney" <mreiney@hevanet.com>
Message-ID: <4gg17t$qma@vista.hevanet.com>
Source record: 205314
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

Is/was there available a HF receive option to the Yaesu FRG9600?
There's a blank spot on the board for the module. The software and PLL are set up to receive from zero to 999 MHz. if you use 73 MHz. first IF and high side LO injection.

Has anyone ever tried to build such an option?

Anybody interested in working on such an option? Except for the availability of the Xtal to get from 73 MHz. to 45 MHz. it should be pretty trivial.

miker

2584. Re: RF interference in Ford Explorer

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: jackg@xetron.com
Message-ID: <Dn53Kw.3H2@xetron.com>
Source record: 205315

In article <4gb4p2$jsu@news.syspac.com>, dnorris@k7no.com says...
>
>I recently purchased a Ford Explorer V8 - 2WD. I get some noise in my
>Alinco DX70T on HF. etc.

Dean, I have a '95 Ford Explorer. I have a slight defect in the windshield, and thought that I would have the TSB 95-11-3 noise reduction modification performed at the same time the windshield gets replaced, in case I decide to go HF mobile at some point in the future. I am waiting for the TSB parts to come in, and my dealer said there is no charge for the TSB update.

I tried a Sony 2010 on HF in the Explorer, and with the engine on there is plenty of noise. If interested, email me in a few weeks, and I will report on the noise reduction noted on the Sony 2010 after the TSB has been performed.

Jack Giehl, WB8BFS

2585. FS -- HAMMARLUND AIR - VARIABLE CAPACITORS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: Bill <debral@falcon.cc.ukans.edu>
Message-ID: <1996Feb21.102035.114485@kuhub.cc.ukans.edu>
Source record: 205316

HAMMARLUND MINIATURE AIR VARIABLE CAPACITORS

::::::::::::::::::::

TYPE APC

Compact, hi-quality variables. Isolantite base. Screwdriver
or hex-wrench adjust.

APC-25 3.0 - 25 mmf 10 available
APC-140 6.7 - 140 mmf 3 "

TYPE MAPC

Midget padding, trimming and general purpose capacitors similar
type APC but smaller. Ideal for small space applications. Gap
.0135 inch. Rotors and stators are nickle-plated brass.
Nickle-plated beryllium copper wiper contact. Tapped (4-40
thread) brass studs in Steatite base permit mounting without
grounding rotor. Tested at 600 volts rms, 60 cps. Slotted
shafts for screwdriver or hex wrench.

MAPC-75 3.9 - 75 mmf 7 available
MAPC-25 2.6 - 25 mmf 18 "

TYPE ???

Identical in size and shape to the type APC, but have military
part number. Rotors and stators are silver plated (tarnished).
Please note that capacitance ranges and values for this
particular group are APPROXIMATE, subject to the accuracy
of my RLC tester.

922-0004-00 2.5 - 30 mmf 10 available
CA-290 3.5 - 60 mmf 8 "

::::::::::::::::::::::

Would anyone out there care to make an offer on these little jewels?

73s

Bill
AA4FM / 0

2586. Re: FT-51R and Computer HOW?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: sims@dduck.acsys.com
Message-ID: <4gftqn$lh7@mtv.acsys.com>
Source record: 205317

gearloos@gnn.com writes:

>Hi and Thanks in advance for any help.
>Does anyone out there know what I need...software/hardware-cables
>etc...I have a Pentium running either win95, win 3.1, Win 3.11,or
>Dos 6.22. I even have os\2warp so the operating sys is no prob.
>And; I have a FT51R.
>How do I interface the two?

Howdy, try EZ Clone. It will program your FT-51R from Windows 95, DOS, and OS/2. (It even works on Windows NT and Unix.) A menu-driven, full screen text version is available as well as a command line version. (A GUI version will be available next month.) The cable is included.

For more info on EZ Clone, point your web browser at http://www.acsys.com or send email to ezclone@acsys.com

cheers,
dave sims, kc5jkn

--
dave sims
sims@acsys.com
kc5jkn
http://www.acsys.com -- software for programming amateur radios

2587. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: n7ws@azstarnet.com
Message-ID: <n7ws.62.006B6A8B@azstarnet.com>
Source record: 205318
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In article <io6alDAu03KxEwb$@ifwtech.demon.co.uk> "Ian White, G3SEK"
<G3SEK@ifwtech.demon.co.uk> writes:
>From: "Ian White, G3SEK" <G3SEK@ifwtech.demon.co.uk>
>Subject: Re: How much RF pwr does an ant tuner consume?
>Date: Wed, 21 Feb 1996 20:14:38 +0000

[snip snip snip]

>One way around this problem would be to borrow a second, identical
>tuner. Tune the first one into the antenna system as usual, for minimum
>VSWR at the TX end. Then connect the second tuner back-to-back into a
>50-ohm absorption wattmeter (or Bird 43 and dummy load) and tune that
>one also for minimum VSWR at the TX end. The power loss (in dB) in a
>single tuner will be one-half of the total.

See below.

>That would get around the problem of measuring output power into an
>arbitrary complex impedance, and also get around the problem that the
>loss in any tuner will depend on the impedance to be matched.

>Note also that the loss in a tuner that has more than two independent
>adjustments (eg two variable Cs and a variable L) will also depend on
>which combination of settings you choose. Even though there will be many
>ways to achieve a 1:1 match, different combinations of settings will
>affect the loaded Q and hence the loss.

I have mentioned this in this group before. Without an OUTPUT indicator of some kind, you can effect a match with an infinite number of settings (of three variables). Only one will be the lowest loss condition. With components of reasonable unload Q, the differences between optimum an worst case can be many dB. Unfortunately, this is also true when running the above experiment. Therefore, the loss in one tuner may not be one half of the total.

Some of the blanket statements (not Ian's) in this thread cry out for rebuttal. To say a tuner is lossless is absurd. To say that an arbitrary tuner will be more efficient when the load Z is higher than lower or the converse is just not true or that the left side of the Smith chart is better than the right (which way are you holding it BTW?). Without more specificity as to the configuration of the tuner one cannot justify statements such as these.

[snip]

Wes -- N7WS

2588. Re: ICOM IC 706 AIRBAND-Transmitter 10 Watt

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <824923389snz@microvst.demon.co.uk>
Source record: 205319

In article <4gaeeo$o6d@abyss.West.Sun.COM>
myers@West.Sun.COM "Dana Myers" writes:

> I believe that 97.315(b)(3)(ii) specifically allows the modification of
> "an amplifier", not excluding a type accepted amplifier, by a licensee
> for use at the licensee's station.

Also:

97.315 Type acceptance of external RF power amplifiers. - (a) No
more than 1 unit of 1 model of an external RF power amplifier capable of
operation below 144 MHz may be constructed or modified during any
calendar year by an amateur operator for use at a station without a grant
of type acceptance. No amplifier capable of operation below 144 MHz may be
constructed or modified by a non-amateur operator without a grant of type
acceptance from the FCC.

Of course, the big problem with 97.315(a) is that the term "a station" is
not defined anywhere in Part 97. 97.3(a)(5) defines an "amateur station".
But my copy of 97.315(a) quoted above says neither this nor even "his
station", which might imply "the amateur station of said amateur operator".

So what do you think, a bus station or a subway station? Is it his
amateur station or any amateur station? BTW, does my copy of this section
have a typo? Does anyone read anything different in their own copy?

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

2589. HF amplifiers (was Re: ICOM IC 706 AIRBAND-Transmitter 10 Watt)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <4gfji9$qje@abyss.West.Sun.COM>
Source record: 205320

In article <4gf70b$3op@newsbf02.news.aol.com>,
W8JI Tom <w8jitom@aol.com> wrote:
>In article <1996Feb19.170526.1579@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us
>(Gary Coffman) writes:

...

>>FCC only requires Type Acceptance for *external* power amplifiers,
>>not for whole amateur transmitters. The fact that such a transmitter
>>could easily be retuned to CB doesn't even enter into the equation.
>
>It sure does. If it didn't, the CB amp manufacturers would be using that
>technique! They have always been pretty resourceful in trying to make the
>amps anything from pre-amps to transmitters.

I guess the RCI 2950 and HR2600 transceivers that are extrememly
popular on CB don't really exist, then? They're entire radios,
not intended to be used as amplifiers.

...

>And besides all this, what mature person of sound mind would want to make
>it easy for someone else to cause other people problems? Or is it an ego
>thing? I'd sooner go on rec.science and describe how to mak

This looks like a gratuitous flame, I hope I'm mistaken....

Of course, there *are* legitimate reasons for radio amateurs to
modify transmitters, receivers, and amplifiers. The FCC rules
do allow this. The FCC rules also attempt to make it difficult to
market certain kinds of equipment, and the distinction is spelled
out in 97.317(c).

I can understand concern that widespread knowledge of methods to
modify commercial amplifiers for CB use endangers the ability to
market these amplifiers. However, amateurs are also legitimately
entitled to modify a commercially manufactured amplifier for use
in their station.

Frankly, people learn by sharing information, and the Usenet is
here to share information. As uncomfortable as one may be with it,
it is not illegal to share information about modifying commercially
made amateur radio amplifiers for amateur 10m use.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *

* Dana.Myers@West.Sun.Com | reflect those of my employer *

2590. scope manual or schematic

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: kilgore@wichita.tivoli.com
Message-ID: <4gfvh2$9ko@tivoli.tivoli.com>
Source record: 205321

Does anyone have a manual for the RCA WO-535A oscilloscope that they could copy for me? Or if not the manual, just the schematic?

Thanks,
Jeff Kilgore, KC1MK

2591. NE Kenwood Svc Centre

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: afpgreg@gatekeeper.ddp.state.me.us
Message-ID: <4gg0q6$dp8@web.ddp.state.me.us>
Source record: 205322

Does anyone have address/phone for an independent Kenwood service center
in Groton, Mass?
TIA, Paul
email: afpgreg@state.me.us

2592. Re: Anyone experience with Standard C5718 models ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: patrick@hacom.nl
Message-ID: <Dn59Eq.HJE@hacom.nl>
Source record: 205323

n1ist@netcom.com (Michael L. Ardai) wrote:

>In article <4ft2nu$rlt@news.inc.net> Will Flor <willf@rrgroup.com> writes:
>-patrick@hacom.nl (Patrick Mosterd) wrote:
>->Laid eyes on the C5718 model, manufactured by Standard
>->I wonder wether you have any good or bad experience with this
>->new model.

>I'd suggest you try one out before you buy it. We had one in our club
>shack for a few days (returned it for an Icom), and I could never get
>the hang of that mike... I tried to change the volume in the middle of

Some local amateurs do have the c5718 and both complained about the
mike. But, the first rig I bought was a C5600D which has the same kind
of mike, so I'm not spoiled with the use of knobs. :-)

Those local amateurs mentioned above got the hang of it in a few days.
I can imagine that someone who's used to operate a plain and simple
mike, will have some difficulties.

>a net and found myself off on some other memory channel (it uses the
>up and down arrow keys for channel, volume, squelch, and some other
>functions). This is purely a personal choice; I know some people who
>love the radio, and I had no problems from a technical perspective,
>just ergonomic. I guess the Yaesu spud-mike radio may have similar
>problems, but at least it looks like volume and squelch are knobs, like
>they should be :-)
>/mike

Well, for those guys who can't miss the knobs there is a remote control
head accesory. :-)

Patrick (PE1NTU)
>--
>\|/ Michael L. Ardai N1IST
>-*- ---------------------------------
>/|\ n1ist@netcom.com

2593. Re: BEWARE OF DEALING WITH DERRICK HALL, SEATTLE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: ssampson@telepath.com
Message-ID: <ssampson.8.0013D5C3@telepath.com>
Source record: 205324
Cross-posted to:
rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,alt.radio.scanner

> Whine, Whine...

Your first mistake was buying a PK-232! Sheesh, that's like buying a PK-64 today. Spend a few bucks and get a KAM+... Or better yet, get off of HF and get a good 56k system...

2594. Icom modifications...02ATplease

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: dick furbush <rfurbush@clover.uvm.edu>
Message-ID: <4gfmon$qa7@swen.emba.uvm.edu>
Source record: 205325

looking for mods for an Icom 02AT....want to open up the RX (and TX?) to include the 150 mhz comm. and marine bands

please reply to rfurbush@moose.uvm.edu

my signature file/server shown in the header are not operational

2595. rec.radio.swap

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: jmpko4my@ix.netcom.com
Message-ID: <4gdrjm$o58@ixnews2.ix.netcom.com>
Source record: 205429

Has anyone else noticed that "rec.radio.swap" has been empty lately. I have not been able to see any ads in this group and am wondering if it is just my feed or what.
Thanks, john

2596. WANTED: HAMMARLUND LITERETURE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: robert fowle <hammarlund@vixa.voyager.net>
Message-ID: <4gdtmf$2ti@vixc.voyager.net>
Source record: 205430

I'm looking for any old Hammarlund literiture, i.e. sales catalogs (20's, 30's, 40's) spec sheets i.e. HQ-225, HQ-140XA, HQ-120X, SP-600, SP-400, SP-200,SP-150, SP-110, SP-10, MX-10, Comet Pro VERSIONS 1,2,3,4,5, or any others not listed, also manuals on Comet Pro version's 1 & 5, SP-110, SP-10, MX-10, HX-55, HQ-225. AIso any of the miltary MIL-HDBK-161/ a 1st, a 2nd, a 3rd, TM-11-896, TM-11-896-A, TM-11-897, TM-11-899, TM-11-4054, TM-11-487, TM-11-487A, A-1, A-2, A-3, TM-11-5820-471-12, TM-11646- TM-11-807, TM-11-851 -- series of manuals. I am looking for Original material only please. Need this information to complete my research. If you have, or , know where I can find any of these items, *Please* let me know. Robert Fowle The Hammarlund Historian , 1215 Winifred -- Jackson, Mich. 49202-1946 E-mail: Hammarlund@vixa.voyager.net Ph. voice or fax 517-789-6721

==========]-[->
Robert Fowle
The HAMMARLUND Historian
Ph. voice or fax 517-789-6721
1215 Winifred
Jackson, Mich. 49202-1946
E-mail at: hammarlund@voyager.net
HAMMARLUND LITERETURE WANTED
==========]-[->

2597. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: w7el@teleport.com
Message-ID: <4genna$208@maureen.teleport.com>
Source record: 205431
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In article <4gaomd$b2v@kocrsv08.delcoelect.com>,
"Tom V. Pfaffenbach" <tvpfaffe@mail.delcoelect.com> wrote:
>Hi Tom;
>
>An easy way is to use an RF ammeter and a resistive dummy load. Tune your
>transmitter into the load directly and set it for highest reading on the
>ammeter. P=I*I*R.
>
>Now go thru your coupler and tune again for maximum ammeter reading.
>Again P=I*I*R. P1-P2=lOSS.
>
>We are assuming that your best power output occurs at approximately the
>same power input level, in both cases. Generally this is valid, but you
>can also verify the input level independently. It is important that you
>make the measurements with a resistive load.
>
>DO NOT BE SURPRISED IF YOU FIND LOSSES IN THE ORDER OF 15-30%.
>
>Happy DXing 73-K9JDU

The problem here is that the tuner loss can vary dramatically depending on the load impedance. The suggested method will tell you the loss when the tuner is presented with a purely resistive load, but not by the actual load presented by the feedline. If you know the load Z and have an RF ammeter you can calculate the output power as I^2*R where I = the magnitude of the output current and R = the resistive part of the load impedance. Or you can measure the RF output voltage and calculate the output power as V^2/R where V is the magnitude of the output voltage and R is the parallel equivalent R of the output Z. But you have to know the output Z.

Roy Lewallen, W7EL

2598. Radio Database Program LW, MW, SW coverage for YOU.....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: Charles Bolland <chuck@mail.flinet.com>
Message-ID: <4gduns$sio@news.flinet.com>
Source record: 205432
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

FRIENDS,

If you would like a free copy of a radio database program that covers longwave, mediumwave, and shortwave with at least 4,000 of records, send your NAME, POSTAL ADDRESS, and EMAIL address to chuck@flinet, and I will return the program to you via EMAIL.

The program is not up to date! It is a program used during 1994 and hasn't be updated since. However, many of the records are still current for stations that do not change every quarter.

The program is good until June 6, 1996. After that it will not function.

Hope to hear from you and don't forget your Postal Address for registration and future information via mail..

All addresses will be kept confidential!

Chuck

chuck@flinet.com

2599. KENWOOD TH-41at 440Mhz handhelds for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: craig.gagne@the-spa.com
Message-ID: <4gdv10$49o@news.paonline.com>
Source record: 205433

Hi all I have a set of KENWOOD TH41AT hand held ham radios on the 440Mhz band
set includes: two TH-41AT hand helds with one watt pwr out, touch tone
dtmf pad, rubber mini duck ant.,high cap. 7.2v 500ma
battery, offset switch, high/low pwr.switch, and a
spk. mic. jack. (thumb wheel controled)

one two bay KENWOOD BC-6 quick one hour charger/
conditioner will charge both batteries in a total of two
hours.

above mentioned set includes all user and tech manuals,
and in mint, i mean MINT condition. great utility radio.

I am asking $400.00 or best offer, you pay shipping
if interested contact me at craig.gagne@the-spa.com
or (413) 536-3279 leave message or reply at this
echo.

2600. KENWOOD TH-41at 440Mhz handhelds for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: craig.gagne@the-spa.com
Message-ID: <4gduv4$49o@news.paonline.com>
Source record: 205434

Hi all I have a set of KENWOOD TH41AT hand held ham radios on the 440Mhz band
set includes: two TH-41AT hand helds with one watt pwr out, touch tone
dtmf pad, rubber mini duck ant.,high cap. 7.2v 500ma
battery, offset switch, high/low pwr.switch, and a
spk. mic. jack. (thumb wheel controled)

one two bay KENWOOD BC-6 quick one hour charger/
conditioner will charge both batteries in a total of two
hours.

above mentioned set includes all user and tech manuals,
and in mint, i mean MINT condition. great utility radio.

I am asking $400.00 or best offer, you pay shipping
if interested contact me at craig.gagne@the-spa.com
or (413) 536-3279 leave message or reply at this
echo.

2601. Icom IC 706 frequency modification

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: leurmy@msn.com
Message-ID: <00001fed+00002eba@msn.com>
Source record: 205435

I am not a Radio Amateur (nor a CB), however, my brother (F6HPE) is.
He asked me to try to get info about how to modify the IC706 in order
to get access to unlimited frequencies.
I read a few messages that were posted on this BBS about that matter
without understanding anything.
I would appreciate if anybody could reply by e-mail (leurmy@msn.com)
so I can forward the info to my brother (in France).
Thanks in advance.
Francois

2602. *** I NEED ! *** Kenwood TM-741A Band Unit.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: Fatboy@homewit.yomama
Message-ID: <4ge9i0$evu@news.onramp.net>
Source record: 205436

I have just bought a Kenwood TM-741A 144/440 MHz multi-band transceiver. I need to get a hold of a low- band unit to add to this radio. Kenwood offers the UT-28S (28-29.7 MHz), and the UT-50S (50-54 MHz), but I need to get one that has been modified to work in the 33 MHz range. I am a volunteer fireman and medic in NW Houston, and that is the freq. range the area departments use. Please E-mail me with price and delivery... Thanks. spade@onramp.net

2603. Re: Yaesu FT-51R (& vs. Kenwood TH79-A(d))

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: gkantor@intac.com
Message-ID: <4geb02$97k@nile.intac.com>
Source record: 205437

In article <17733B1B5S86.DEVENNEY@VM.TEMPLE.EDU>,
Jack <DEVENNEY@VM.TEMPLE.EDU> wrote:
>
>Any comments, pro or con on this radio would be appreciated. Also wonder
>how it performs from 450-463 MHz. Thanks.

This is the first YAESU radio I've owned and I must say that I am quite favorably impressed. I have always been an ICOM fan when it comes to portables since my first Kenwood, a '2400. That radio turned me off to their product for quite a while and so far, I haven't seen anything to make me re-think that opinion. I must say at the outset that the FT-51R was not my first choice. I wanted something small to replace the Standarc C-508 I bought at Dayton. The 200mW transmitter just didn't cut it for me, but I liked the small size.

I decided on the Icom W-31a but that was not to be. I liked the features, the size, and just about everything else about it. I even pkunked down my money and bought one... However, when I got home and turned it on, I got right back in my car and brought it back to the dealer. I live about a mile, line-of-sight, from a major commercial 2-way site and there is a paging transmitter there right on the frequency used by the W-31's UHF IF. Needless to say, that dual-bander became a 2-meter only radio anywhere near my home.

Still looking for the ultimate "tiny" dual band HT, I next turned to the Kenwood TH-79A and the Yaesu FT-51R. I've never been impressed with the quality of either of these manufacturers and I was not very enthusiastic about the choice. I was able to get one of each of these two radios and put them through their paces on a service monitor and was impressed with the results of the FT-51R and quite disappointed with the TH-79A(d).

On VHF, both radios were pretty hot inside the 2-meter band and the Yaesu maintained the same sensitivity from 140 - 180 MHz with an average of .180 microvolts for 12dB SINAD. In the aircraft band, the sensitivity dropped to an average of about 0.65 microvolts (all sensitivity measurements are for a 12 dB SINAD result.) down to 115 MHz. At 110 MHz, it took 1.2 microvolts. The Kenwood, on the other hand, had a sensitivity of 0.175 - 0.180 inside the 2-meter band but rose continually to a top of 0.330 microvolts at 173 MHz, the top end of it's coverage. Going down in frequency, at 140 MHz, it jumped to 0.22 and maintained a 0.65 average down to 125 MHz. It jumped to 1.2 microvolts at 120 MHz and at 118 MHz, it's bottom end, it required 1.5 microvolts for 12 dB SINAD. Readings under 136 MHz were done in AM and above 136 MHz in FM mode. Clearly, if you want to do any listening in the aircraft band, the Yaesu will and the Kenwood won't.

On UHF, the Kenwood only covered 438 - 449.995 out of the box and I didn't have the keyboard mod to expand this coverage. It was comparable to the Yaesu in this range, averaging about 0.170 microvolts. The Yaesu covered 420 - 470 out of the box (The keyboard expand was enabled from the factory) and at 470, the worst case, was only down to 0.245 microvolts for 12 dB SINAD.

Using a lossy tee connector we attempted to de-sense the receiver while it was listening to a weak repeater. Using random signals in the 150 - 170 business band, the usual intermod cause in this area, even pumping 4 volts of rf into the lossy port caused no problems for either radio. Likewise, on UHF with an interference signal in the 450 - 470 commercial band.

The Kenwood dod beat the Yaesu in one category. RF power ouput. With the supplied battery pack fully charged, the Kenwood delivered 2.8 watts. After staying key down for 2 minutes, this dropped to 2.3 watts. After a 1 minute key iup recovery period, it returned to 2.4 watts. The Yaesu under the same conditions delivered 2.2 watts initially, dropping to 1.95 watts after 2 minutes and maintaining that value after the 1 minute recovery time. On UHF, The Kenwood delivered 2.3 watts, dropping to 1.9 and holding that after 1 minute. The Yaesu delivered only 1.2 watts initially, dropping to 1.0 watts after 2 minutes and maintaining that level after recovery. Interestingly, the Yaesu was consistantly 750 Hz low in frequency, but the Kenwood started at 350 Hz high and ended the test on frequency.

On the service monitor, the Yaesu was the winner, but there were several other factors which made my decision for me. The FT-51R has a positive metal latch to hold the battery in place, making the electrical contacts with gold plated, spring loaded push pins to gold plated contacts on the battery. The TH-79A(d) used 2 tin plated leaf contacts to contact 2 tin plated contacts on the battery. The Kenwood battery was held in the radio by a plastic flap attached to the bottom of the pack, used as a spring to engage some notches molded into the inside of the radio case. to remove the pack, you press in on this flap, releasing the two "fingers" hold on the case. I suspect that at some point in it's life, this flap will become fatigued to the point where it either loses enogh of it's spring that it no longer reliably locks into the case or just breaks off altogether, rendering the pack useless.

The kenwood was also taller than the Yaesu with the supplied battery pack and size was my origional criteria. :) After the tests, the Kenwood went back to the dealer and the Yaesu has been on my belt for about a month now and I'm very happy with it. I haven't done the out-of-band transmit mod yet so I can't tell you from personal experience how that works, but from a friend who has done the mod, it does deliver most of it's rated power accross the range it covers.

I didn't intend to be so long winded, but I hope this helps.

73's

Gary, WA2BAU

2604. Lithium battery usage...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: byoung@qni.com
Message-ID: <4ged4f$5vf@suba01.suba.com>
Source record: 205438

To All,

I wanted to run something by the group for some feedback and comments...

I own a Yaesu FT-10 that I run off of the "standard" NiCd battery packs. Like many (most?) people, I also purchased an alkaline battery holder so that I would have an alternative should my NiCds fail or if I needed to operate in an emergency where AC was not available for recharging.

Follow me for a minute...

The FT-10/40 radios utilize the FNB-41, a 9.6volt NiCd battery pack, to produce 5 watts of output. They can also run on 12 volts supplied via the EDC-5B car adapter for the same 5 watts output.

The FBA-15 battery holder takes four "AA" size batteries. Normally you'd use four alkaline batteries @ 1.5 volts each to obtain 6 volts and 2.5 watts output.

"AA" size lithium batteries are usually 3 volts each with much higher current. Given that they cost *MUCH* more than alkalines, they last "forever" in storage, and would also provide extended service during the emergency we're planning for (due to greater mA rating).

Would it be possible to utilize four lithium batteries @ 3 volts each in an FNB-15 to obtain 12 volts and 5 watts output? If it's possible, would it actually be beneficial from the aspect of power "per pound/per dollar"?

Bill Young
byoung@qni.com
KB0UZQ

2605. FS: TS440S/AT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: jgeoff@exit109.com
Message-ID: <4geh5s$egp@news1.exit109.com>
Source record: 205439

For Sale:

Kenwood TS-440S/AT HF rig (no bugs) with YK-88C & YK-88CN filters,
manual, original boxes...

Make me an offer I can't refuse...

Geoff N2HOQ

Geoff Malta
jgeoff@exit109.com
"Il Padrino"
#Godfather

THE GODFATHER TRILOGY: http://www.exit109.com/~jgeoff/godfathr.html
Definitive site for any padrinophile! Sights, sounds, contests...
FLY BY NIGHT: http://www.exit109.com/~jgeoff/
Features the band Rush, Beer, Awesome Links, more!
SCARFACE: http://www.exit109.com/~jgeoff/scarface/
Make Way for the Bad Guy!

2606. Re: rec.radio.swap

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <Dn4I1x.6B1@iglou.com>
Source record: 205440

Yes, me too.

John Michael Pendergraft (jmpko4my@ix.netcom.com) wrote:
: Has anyone else noticed that "rec.radio.swap" has been empty lately. I
: have not been able to see any ads in this group and am wondering if it
: is just my feed or what.
: Thanks, john

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

2607. Re: How to clear autodial memories in ft51r??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: source@netcom.com
Message-ID: <sourceDn47xp.Cq4@netcom.com>
Source record: 205441

In article <4gcqed$p27@newsbf02.news.aol.com>, Mparkes <mparkes@aol.com> wrote:
>I have a FT51r and can't seem to figure out how to clear an autodial
>memory when you want to put a new number in it's place. The manual doesn't
>seem to explain it...

Press the sub-op button on the side of the radio.

2608. Re: rec.radio.swap

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4gf90n$65l@mksrv1.dseg.ti.com>
Source record: 205442

Must be your feed. I check it twice a day and it's been
working fine here.

73 de KC5NG

2609. YAESU FT-27 - How to open Freq ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: amihai@tx.technion.ac.il
Message-ID: <Dn4opH.GMs@discus.technion.ac.il>
Source record: 205443

Hello,

I have a YAESU FT-27 2 meter handy which is limited to receive and
transmite to 144-148Mhz.

Could anybody tell me what change should I do in order to
expand its reception frequency range ?

Please reply also to my e-mail box : amihai@tx.technion.ac.il

Thanks alot,
Amihai, 4Z4WU.
--
....
Dr. Amihai Silverman Tel : (972)-4-829-2177
Taub Computer Center Fax : (972)-4-823-6212
Technion - e-mail : amihai@tx.technion.ac.il
Israel Institute of Technology
Haifa 32000, Israel.

__
^/..\^ .-- ..-
--m(00)m-- 4Z4WU
....

2610. Re: ICOM IC 706 AIRBAND-Transmitter 10 Watt

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4gf70b$3op@newsbf02.news.aol.com>
Source record: 205444

In article <1996Feb19.170526.1579@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>That doesn't apply to any amateur gear except HF external amplifiers
>because *no other amateur gear requires Type Acceptance*.

1.) D+A Raider manufactured an "amateur transmitter" with a crystal oscillator and PA stage. There were letters floating around describing how to move a few wires and use it as an amplifier. The FCC decided it was a transmitter intended for CB (in spite of the manufacturer's claim) and it was forced off the market because it failed part 95.

2.) Black Cat manufactured what they called "receiving amplifiers" that used 6AQ5's and similar audio tubes. The FCC decided it was really a CB amp and they were confiscated and fined.

>operating over 30 MHz require Part 15 Type Certification, which is a
>*very* different thing, but no amateur *transmitter* requires Type
>Acceptance. None, nada, zip.

Except if it appears to be a CB transmitter. BTW receivers that meet certain criteria and cover the CB band require 15 Certification.

>You could market a 1 kW 10 meter AM
>transmitter if you wanted, and not need FCC approval at all.

Not me, maybe you can! Black Cat and other companies tried that one. It didn't work. The device can be called or sold as anything, it's what the FCC decides it is that matters.

>FCC only requires Type Acceptance for *external* power amplifiers,
>not for whole amateur transmitters. The fact that such a transmitter
>could easily be retuned to CB doesn't even enter into the equation.

It sure does. If it didn't, the CB amp manufacturers would be using that technique! They have always been pretty resourceful in trying to make the amps anything from pre-amps to transmitters.

>The mods are *not* illegal. *Use* of the radio in a service that does
>require Type Accepted equipmnt *is* illegal, but the actual mod is
>not illegal.

It's illegal to manufacture an amplifier that can be converted to CB (or non-TA) use.

It's illegal for a manufacturer to give instructions that allow an amplifier to be used for non-TA use.

The very fact the amp can be modified can be cause for denial of TA.

>But since amateur gear (other than external power amplifiers below 144 MHz)
>does *not* require Type Acceptance, this point is moot. You no longer
>even have to use the FCC lab for Part 15 certifications (which receivers
>capable of operation over 30 MHz require). That can be done by an outside

>lab. So even that can't be used to hold up an amateur product by falsely
>claiming the equipment doesn't meet Part 15. And besides, any government
>employee who would falsify such a document could be subject to criminal
>penalties for perjury. An Executive Branch employee would be crazy to try

>something like that today. A call to a friendly Republican Congressman
>would have a special prosecutor on the job in nothing flat.

Ever been out in the real world? Next time you go to the airport, piss off the luggage handler. He'll grin and take it, but when you fly to Chicago your bag will go to Dallas. Even an honest "republican" won't help you. You can imagine what you like, but the FACT is if you piss people off they give you a hard time. I would venture to say 99 percent of the amps on the market would flunk if really held to the rules.

The only amp I've ever had to actually submit was a sweep tube amp, and they went over it with a fine tooth comb. I was told point blank they didn't like sweep tube amps, and if it started turning up with CB'ers TA would be dismissed. But I'm sure you have a reason WHY I wasn't told that. What has your actual experience dealing with the FCC on matters of part 15, 95 and 97 been, as opposed to what you think they can do?

And besides all this, what mature person of sound mind would want to make it easy for someone else to cause other people problems? Or is it an ego thing? I'd sooner go on rec.science and describe how to mak

2611. Tube INfo Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: charles@dorsai.org
Message-ID: <4gfbi1$l7l@dorsai.dorsai.org>
Source record: 205445

Hello all
Here is the question...
Suddenly, my yaesu ft 101zd stopped putting out power....
maximum poser out now is about 5 watts
Is it possible that the 6146b tube or tubes could be bad?
would there still be a small amount of power out?
Could it be the 12by7a driver tube? and again, would there still
be a small amount of power out?

visually (which I know isn't much) they glow.

Taking it apart, I found NO scorch marks or burn marks anywhere.

Reply via e-mail if you can and thanks for your input

charles

2612. Re: rec.radio.swap

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: mwhite@mitre.org
Message-ID: <mwhite-2102960812460001@m14494-mac.mitre.org>
Source record: 205446

In article <4gdrjm$o58@ixnews2.ix.netcom.com>, jmpko4my@ix.netcom.com(John Michael Pendergraft) wrote:

> Has anyone else noticed that "rec.radio.swap" has been empty lately. I
> have not been able to see any ads in this group and am wondering if it
> is just my feed or what.
> Thanks, john

It's just your feed. There are dozens of posts every day.

--
mwhite@mitre.org

My opinions are my own, not my employer's.

2613. mod needed ft1000mp

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: "Jeffery M. Shelton" <shelj@holli.com>
Message-ID: <312B38A5.6493@holli.com>
Source record: 205447
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

need mod for ft1000mp can anyone help????
jeff at j&s electronics
e-mail= shelj@holli.com

2614. Radio Shack Scanner

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: markus@sp071.cern.ch
Message-ID: <Dn4r9w.8Aw@news.cern.ch>
Source record: 205448

I'm interested to pickup a RS scanner (PRO-26 ?) which is on
sale at the moment for $199.-.

Anybody good or bad experiences on that model ?

Are ther mods to remove the block of the cellular frequencies ?

(I'll use it in Europe, where yhe block is not required)

Markus

--

Markus Baertschi Phone: ++41 (22) 901-0101 (++41 (22) 791-5563)
Geneva, Switzerland, HB9VCD Mail: markus@mail.cern.ch (maba@vnet.ibm.com)

2615. Hoka software (was Is there an all purpose TNC/Decoder?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: Ian Brothwell <ibx@cs.nott.ac.uk>
Message-ID: <4gf07c$c0o@griffin.ccc.nottingham.ac.uk>
Source record: 205449
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

I mentioned Hoka software in an earlier posting.
I now have their UK details to hand. Hoka Software is available via

NTech Communications,
8 The Crescent,
Willingdon,
East Sussex,
ENGLAND
BN20 9RN

email - 100612.725@compuserve.com
Web - http://ourworld.compppuserve.com/homepages/HokaElectronics

I've NO connection with either Hoka or NTech other than having seen the advert
in the UK based publication "Short Wave Magazine".

73, Ian G4EAN

2616. HELP/Portable ham units

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: jv207@aol.com
Message-ID: <4gf0ap$13n@newsbf02.news.aol.com>
Source record: 205450

I will be working in some remote areas of Peru and would like to purchase a portable two-way radio to allow me to communicate with other radio operators in case of an emergency. I am new at this and would appreciate any assistance to point me in the right direction

2617. Trio-Kenwood 599 Line

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: Siegfried Rambaum <siram@light.lightlink.com>
Message-ID: <Pine.SUN.3.91.960221132319.16876D-100000@light.lightlink.com>
Source record: 205451

Just curious, if someone out there still runs it :)

2618. Wanted: Mods for Alinco DJ-180 HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: ve7zvz@dowco.com
Message-ID: <ve7zvz-2102960218490001@ppp44.dowco.com>
Source record: 205452

If anyone could email me mods for the Alinco DJ-180 HT it would be much
appreciated.

--
Scott Leaf VE7ZVZ CN89os
ve7zvz@dowco.com
Port Coquitlam, British Columbia, Canada
T.R.A.C.E.S. - Tri-Cities Radio Amateur Communictions Emergency Society
Mountain DX Club - "To boldy VHF where no ham has VHFed before"
Coming up Summer '96 DX-pedition to rare grid CO80, on 6M, 2M & 70cm

2619. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: "C. J. Hawley" <c-hawley@uiuc.edu>
Message-ID: <312B43E8.736E@uiuc.edu>
Source record: 205453
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

Patrick Croft wrote:
>
> "C. J. Hawley" <c-hawley@uiuc.edu> wrote:
> >macino@mail.fwi.com wrote:
> >>
> >> In <4g2j6u$12e1@chnews.ch.intel.com>, tom_boza@ccm.ch.intel.com (WB7ASR) writes:
> >> >How can you tell how much RF power an antenna tuner is consuming
> >> >when in use?

> >Did anyone read the series of articles last year on tuner losses? Some of the comments
> >posted here are contrary to the findings of the author. One that comes to mind is that
> >the loss is independent of the impedance being matched. The articles usually showed that
> >losses were greater for the same SWR when the impedance of the load was low rather than
> >high. The author, Frank Witt AI1H, used the fact that the SWR measured at the input of a
> >tuner with loss will not correctly report the mismatch at it's output. The losses are
> >proportional to the error in the reported SWR. For example, he adjusts a tuner to 1:1
> >for a 100 ohm load. Then he replaces the load with a 50 ohm load, and then a 200 ohm
> >load. The deviation of the SWR from 2:1 in both cases is due to the loss in the tuner.
> >Read the articles April,May 1995. What do you guys think?
> >--

> Chuck -
> One small hint needed - April and May of which publication?
>
> Patrick WB9IQI

Sorry! It was QST.

Chuck, KE9UW

2620. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb21.161918.10531@ke4zv.atl.ga.us>
Source record: 205454
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In article <4gdfng$4ov@maureen.teleport.com> w7el@teleport.com (Roy Lewallen) writes:
>In article <4ga0lt$dho@news.ios.com>, macino@mail.fwi.com wrote:
>>In <4g2j6u$12e1@chnews.ch.intel.com>, tom_boza@ccm.ch.intel.com (WB7ASR)
>writes:
>>>How can you tell how much RF power an antenna tuner is consuming
>>>when in use?
>>>Is this a trick question? How about putting a wattmeter just in front of
>it, measure
>> the power in, then put the wattmeter on the output side and measure the
>power
>> out. The difference should be WATT your loosing in the tuner.
>>
>> 73's WD9AHF - Jim
>
>The problem with doing that, Jim, is that the impedance on the output of
>the tuner may not be anywhere near 50+j0 ohms. (After all, that's why we
>need tuners, no?) If you know where I can get a wattmeter I can insert into
>a feedline looking into 2000 - j600 or 2 + j750 ohms and get an accurate
>(or even approximate!) reading, please let me know!

Ahem. Roy, the wattmeter only has to have the same impedance as the
characteristic impedance of the line, regardless of what load impedance
may be terminating the line. If the output coax is 50 ohms (the usual
case), then your trusty Bird 43 will work just fine. Of course, since
the line won't have a unity VSWR, you'll have to calculate true output
power from the forward and reverse readings on the wattmeter.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2621. Re: ICOM IC 706 AIRBAND-Transmitter 10 Watt

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4gfcvn$6s3@newsbf02.news.aol.com>
Source record: 205455

And besides all this, what mature person of sound mind would want to make it easy for someone else to cause other people problems? Or is it an ego thing? I'd sooner go on rec.science and describe how to make a bomb timer.

I see no point in helping CB'ers get ham equipment on the air, but that's just my opinion. I think it hurts Hams in the long run, one way or another.

73, Tom

2622. 89 Ford Bronco static problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: scicon@ix.netcom.com
Message-ID: <4gg04u$k3h@ixnews4.ix.netcom.com>
Source record: 205456

I have a strange interference problem in my Bronco.

There is always a certain amount of static in the receiver, but it's not unbearable unless I turn the steering wheel to the left! When the wheel is moved to the left the static completely drowns out the receiver.

When I had my oil changed, the mechanic replaced the PCV valve. Now I get no static at all UNLESS the wheel is turned to the left.

Anyone have a similar problem?

de KE6LBX

2623. FT-2500M/TM-241A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: Daniel Jerome <102767.3103@CompuServe.COM>
Message-ID: <4gg6bv$t0h$1@mhadg.production.compuserve.com>
Source record: 205457

Does anyone have any experience with the FT-2500M or the TM-241A.
I'm looking for a durable 2 meter for my vehicle for use with
CAP (and on the ham bands after I get my ticket :-)) I was not
able to track down the MARS/CAP mods for either of these radios,
and would like some information.

How do you modify them?
Will the 2500M Rx 121.5 MHz?
Which unit is higher quality?
Which will perform better in areas of high RF interference? (an
airport)

Any information would be appreciated.

Thanks,

Dan Jerome
102767.3103@compuserve.com

2624. Re: RF interference in Ford Explorer

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: Paul Moller <Paul_Moller@csg.mot.com>
Message-ID: <312B26D7.51F2@csg.mot.com>
Source record: 205458

dnorris@k7no.com wrote:
>
> I recently purchased a Ford Explorer V8 - 2WD. I get some noise in my
> Alinco DX70T on HF. So..after seeing reference to Ford Service
> Advisory # 95-11-3 I took it to my local friendly dealer. He said
> that my radio would void the warrantee and that he would do the work
> in the service advisory for a cost of about $600. YIKES. Needless to
> say an S-4 to 6 noise will not be hard to endure.

Not sure exactly how it relates, but...Had a similar noise level in a
Ford Taurus. Talked to the service manager, a ham!, and he found a Ford
Service Bulliten (don't know the number now) that talked about a free
install of a noise filter on the fuel pump in a vehicle that was under
warranty. Having a friend who has an Exporer I asked if that was covered
as well. He answered yes, but I did not see it in writing. Ford did the
install on my '94 Taurus, and the noise is down 3-4 s-units. For free!
Paul_Moller@csg.mot.com

2625. Accurate Instrument Model 257 tube tester?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-21 00:00:00 UTC
From: at770@cleveland.Freenet.Edu
Message-ID: <4gfitr$oh6@madeline.INS.CWRU.Edu>
Source record: 205459
Cross-posted to: freenet.rec.ham-radio.sale,freenet.rec.ham-radio.questions,freenet.rec.ham-radio.tech,rec.radio.swap,rec.radio.amateur.equipment,rec.audio.tubes,rec.antiques.radio+phono,sci.electronics.equipment,sci.electronics.repair

I am looking for information on a Accurate Instrument Co. Model 257 tube tester. The information that I am looking for is:

1) Operating manual
2) Schematic and servicing info
3) Tube charts and test data
4) Adapters, etc.
5) Offers to sell broken units for parts
6) Offers to purchase or trade for my unit

Please reply by e-mail, as I do not read these newsgroups very often.

Thanks
Frank

--

Amateur Radio SIG xx194
Dave Foran WB8APD aa972 Dave Koch N8LWE aa641
73...

2626. Re: Radio Database Program LW, MW, SW coverage for YOU.....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: Per Stangeland <pstangel@telepost.no>
Message-ID: <4gihej$3q6@nms.telepost.no>
Source record: 205260
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

Charles Bolland <chuck@mail.flinet.com> wrote:
>FRIENDS,
>
>If you would like a free copy of a radio database program that covers
>longwave, mediumwave, and shortwave with at least 4,000 of records, send
>your NAME, POSTAL ADDRESS, and EMAIL address to chuck@flinet, and I will
>return the program to you via EMAIL.
>
>The program is not up to date! It is a program used during 1994 and
>hasn't be updated since. However, many of the records are still current
>for stations that do not change every quarter.
>
>The program is good until June 6, 1996. After that it will not function.
>
>Hope to hear from you and don't forget your Postal Address for
>registration and future information via mail..
>
>All addresses will be kept confidential!
>
>Chuck
>
>chuck@flinet.com
>
>
My address is:
Per Stangeland
Luftfartsverket
Luftveien 16
N-3440 Royken
Norway.

Best Regards Per

2627. Advise on radio selection

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: "Russell Henry"
Message-ID: <4gilu9$1p21@darwin.nbnet.nb.ca>
Source record: 205261

I am interested in purchasing something other than CB's for hunting. I hunt in thickly wooded and hilly areas. Could someone recommend what is the best type of equipment to buy UHF, VHF or other. I just want a basic unit.
I am a novice to the terms but have difficulty in getting consistent advice.

Thank you .

Russell Henry

2628. Wanted: Drake TR7 AM Filters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: cdorn@gpu.srv.ualberta.ca
Message-ID: <4giipq$mkq@pulp.ucs.ualberta.ca>
Source record: 205262

Hi,
Anyone know where I might find the 4KHz and 6KHz filters for the Drake TR7? I know that they are not the easiest to find, and I have tried Burghardt's Amateur Center. Are there any other Ham businesses that are likely to have used accessories such as this?
Thanks,
Chris VE6RDC

2629. WTB : FT-726R Modules.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: ptyborow@neutron
Message-ID: <4gi4s6$a9n@gemini.coi.pw.edu.pl>
Source record: 205263

I want to buy modules for FT-726R.
There are :
6m Module ,70 cm module (430 MHz), Satellite Unit.
Pse send me any informations about them (prices ,
condition etc.)

Reply adress ptyborow @ neutron.elka.pw.edu.pl

Thank You for any informations - Peter SP5TZP.

2630. Alinco DJ-160 HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: ericlandes@aol.com
Message-ID: <4gijen$e0t@newsbf02.news.aol.com>
Source record: 205264

Does anyone know anything about this HT?
Pro or Con?

Thank you,

Eric

2631. Re: How to clear autodial memories in ft51r??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: sims@dduck.acsys.com
Message-ID: <4ghvcf$dg1@mtv.acsys.com>
Source record: 205265

mparkes@aol.com (Mparkes) writes:

>I have a FT51r and can't seem to figure out how to clear an autodial
>memory when you want to put a new number in it's place.

Mike, put the radio in auto-dial mode, if necessary, by pressing
F-Call. Now the little telephone should appear on the right side of
the display. Now press the yellow F key again for about half a
second, and then press the number corresponding to the autodial memory
you want to clear. Let's say it's '2'. Then you should see a '2' and
a '00' in the display. Press the yellow F key yet again for half a
second. The '00' begins to blink. Now here's the trick: press the
sub-op key, which is just below the push-to-talk key. That'll clear
the auto-dial memory. Finally, press the 'call' key to accept the
changes. That will clear the autodial memory.

>The manual doesn't seem to explain it...I could do it with the ADMS
>software and reprogram the HT...

Or you could use EZ Clone to program the HT -- http://www.acsys.com or
ezclone@acsys.com

cheers,
dave sims, kc5jkn
--
dave sims
sims@acsys.com
kc5jkn
http://www.acsys.com -- software for programming amateur radios

2632. FDK 750E HT Mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: Dave Johnson <djohnson@flesh>
Message-ID: <Pine.SUN.3.91.960222150810.28432A-100000@flesh>
Source record: 205266

I have a colleague who just moved to the U.S. who has an FDK 750E 2 meter HT (Japanese) that has Tx/Rx from 144-146 mHz. It is apparently a European model. Are mods available to extend Tx/Rx to 148 mHz? If so, can you email these to nblamey@nmt.edu or reply to this email address and I'll forward.

Thanks.

```
_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/
_/_/ _/_/
_/_/ 73, de Dave (Johnson) - KB5YIW in Socorro, New Mexico _/_/
_/_/ _/_/
_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/
```

2633. HELP: buying GaAs FETs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: jstocker@bode.ece.uiuc.edu
Message-ID: <4gip45$5tc@vixen.cso.uiuc.edu>
Source record: 205267

I am looking for a company from which I can buy a small
quantity (5-10) of low noise GaAs FETs. (specifically
MFG-1302 or MFG-1402 by mitsubishi).

In the past, I have dealt with Down East Microwave, but
there number is disconnected...did they go out of busines?
Did they move?

If you could give me the name and tele. number of a company,
it would be greatly appreciated.

Jeff Stocker
jstocker@bode.ece.uiuc.edu

2634. Carrier operated antenna off switch for scanner?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: spk@klondike.winternet.com
Message-ID: <4girqi$267@blackice.winternet.com>
Source record: 205268
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner

I seem to recall sometime back seeing an advertisement for a switch that could be mounted on a scanner antenna to cut the feed in the case of a strong signal (say, like my 2 meter rig) nearby.

Anyone know anything like this out there? My storm-chasing partners will appreciate it to no end if I can find one.

-spk

--

This is a test. If this were a real .sig, it'd say:
spk@winternet.com, spk@TennantCo.com, http://www.winternet.com/~spk
..but it doesn't, does it?

2635. Re: Help! ICOM IC-38A Mic Conns?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: gkantor@intac.com
Message-ID: <4gistl$1b8@nile.intac.com>
Source record: 205269

In article <4ggfdg$i3@kaiwan.kaiwan.com>,
Anthony O. Cardenas <cardenas@kaiwan.com> wrote:
>HELP!
>
>I have a ICOM-38A and I need to know the mike pin-out, please?
>It is a 8 Pin connector.
>
>I intend to use a ICOM HM-12 Mike... the connector is missing (I got
>one at Radio Shack) so if you have the pin/color code or whatever for that
>mike?
>
>I have no manual for the radio or schematic for the mike.
>
>Any help for either would be greatly appreciated!
>
>Thanks!
>Tony
>WA6IGJ
>
>
>

According to the schematic supplied by Icom, the pinout is as follows:

PIN: USE:

1 Mic Audio
2 +8 VDC
3 UP/DOWN (Ground pin for UP. Ground through 470 Ohms for DOWN.)
4 N/C
5 PTT (Ground to Transmit)
6 Control & DC Ground
7 Mic Ground (shield)
8 SPKR Audio Output

Pins 1-7 are arranged in a circle with the keyway between pins 1 and 7
with pin 8 in the center.

Good luck,

Gary Kantor, WA2BAU

2636. NEED HELP WITH MOTOROLA GM-300

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: riddlerqrosey.com
Message-ID: <Dn6w6C.6CK@news.zippo.com>
Source record: 205270

I would like to lower the frequency coverage of this mobile,it covers 146-174Mhz
i would like to bring it down to 140-174Mhz.
I have heard that it can be done with some tricks while entering the frequency
over the MRSS but still no can do.
PLEASE HELP IF YOU CAN

riddler@rosey.com

2637. Micor 220 Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: dsearle@dsearle.ultranet.com
Message-ID: <dsearle.8.008011B8@dsearle.ultranet.com>
Source record: 205271

Looking for information on moving a Micor to the 220 Mhz band.
Can anyone help? Thanks

Dick K1VWJ

2638. Best 1.5KW HF AMP?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: "John T. Young" <jtyoung@u.washington.edu>
Message-ID: <Pine.PTX.3.91j.960222174422.1757B-100000@carson.u.washington.edu>
Source record: 205272

What's the best legal limit HF linear amplifier for use with a contemporary transceiver (e.g. TS-850, 870, 950, etc.). Which are the most trouble-free? What are the best tubes to look for in an amp? Which are the best used amps to look for, and at what price? Which amps are to be avoided? Which give you the best value per watt? How does the Tl-922A compare with Ameritrons or SB-220 or Henrys or Alphas? etc. I'm most interested in SSB operation on 20 mtrs, by the way, but also do some SSTV (very different demands, I know!). Many thanks for pondering these questions. 73 de John, KI7JB. <jtyoung@u.washington.edu>.

2639. Re: BEWARE OF DEALING WITH DERRICK HALL, SEATTLE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: asi@escape.ca
Message-ID: <asi.393.006FF8D7@escape.ca>
Source record: 205273
Cross-posted to:
rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,alt.radio.scanner

In article <NEWTNews.824874923.28527.jcscott@jcscott1.isdn-hywr.pacbell.com> jon scott
<jcscott@jcscott.isdn-hywr.pacbell.com> writes:
In article <NEWTNews.824874923.28527.jcscott@jcscott1.isdn-hywr.pacbell.com> jon scott
<jcscott@jcscott.isdn-hywr.pacbell.com> writes:
>senet
>From: jon scott <jcscott@jcscott.isdn-hywr.pacbell.com>
>Newsgroups: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.equipm
ent,rec.radio.amateur.digital.misc,alt.radio.scanner
>Subject: Re: BEWARE OF DEALING WITH DERRICK HALL, SEATTLE
>Date: Tue, 20 Feb 96 19:50:27 DST
>Organization: Pacific Bell
>Lines: 44
>Message-ID: <NEWTNews.824874923.28527.jcscott@jcscott1.isdn-hywr.pacbell.com>
>References: <NEWTNews.824617653.11675.jcscott@jcscott1.isdn-hywr.pacbell.com>
<4g7ib1$s3b@whidbey.whidbey.com>
>NNTP-Posting-Host: jcscott.isdn-hywr.pacbell.com
>Mime-Version: 1.0
>Content-Type: TEXT/PLAIN; charset=US-ASCII
>X-Newsreader: NEWTNews & Chameleon -- TCP/IP for MS Windows from NetManage
>Xref: news.escape.ca rec.radio.swap:41430 rec.radio.shortwave:65704
rec.radio.scanner:41116 rec.radio.amateur.equipment:22703
rec.radio.amateur.digital.misc:13271 alt.radio.scanner:26119

>In Article<4g7ib1$s3b@whidbey.whidbey.com>, <subbustr@whidbey.net> write:
>> Path:
>pacbell.com!gw2.att.com!news.midplains.net!chi-news.cic.net!nntp.coast.net
>!news.kei.com!newsfeed.internetmci.com!news.sprintlink.net!whidbey.!usenet

>> From: subbustr@whidbey.net (DAVE M . SCHERTZER)
>> Newsgroups:
>rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.equ
>ipment,rec.radio.amateur.digital.misc,alt.radio.scanner
>> Subject: Re: BEWARE OF DEALING WITH DERRICK HALL, SEATTLE
>> Date: 18 Feb 1996 15:58:25 GMT
>> Organization: DND CF DET Whidbey Is. WA
>> Lines: 4
>> Message-ID: <4g7ib1$s3b@whidbey.whidbey.com>
>Hi Folks,
>Today (2/20/96) I was able to confirm that Mr. Hall indeed
>has defrauded me - I called him twice this AM and he hung
>up on me both times. I would love to post this to a Seattle
>news group as one responder (Mr. Schertzer) suggested but
>my news provider does not give me access to

>seattle.forsale.misc.

>Thanks also to others that suggested methods to try and
>reduce getting taken in business transactions on the
>internet.

>Jon Scott

Why does someone not start a Web Page with names and other information on people who have ripped others off Via The Internet. A nice Database that posts the names of both people involved and both of thier EMAIL id's.

Then we could check to see who possibly not to deal with??

Peace from Canada.

2640. Need tower info.....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: rickcrider@aol.com
Message-ID: <4gjgbq$nju@newsbf02.news.aol.com>
Source record: 205274

Desperately seeking info on tower manufacturer......'Trylon Mfg. Co.'
.......possibly in the Ontario / Canada area. Any U.S. distributors?

Need base mounting info and new top section. Need location of company
or knowlege if they are still in existence. All help appreciated.
More detailed posting in the rec.amateur.antenna group also, but no
response there either.

Thanks in advance.

Rick Crider
KD4FXA
UCARS (Union County Amateur Radio Society)
Monroe NC
<rickcrider@aol.com>
(704) 289-6303

2641. WTB: Icom IC2A/AT or equivalent

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: forbesm@peak.org
Message-ID: <4gj98i$ce2@odo.PEAK.ORG>
Source record: 205275
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

I'm still looking for an Icom IC2A/AT or equivalent handheld
2m radio. I've got a solar-powered project for which I need
a radio with low current drain while in squelched receive. The
Icom fits the bill, at about 20ma receive current.

Other radios would be acceptable, if they're fairly low-power.
I'm looking at non-2m-radio solutions, but this would be the
simplest way to do it, since I'll need to transmit intermittently
as well. Got one you want to sell? Send me mail!

Crystal-only types are fine too, since this will be a fixed-
frequency application. I'm not looking to spend huge dollars
here, but the radio doesn't have to be beautiful, either.

--
forbesm@peak.org http://www.peak.org/~forbesm
Mark G. Forbes KC7LZD (Landing Zone Dog!)
"Outside of a dog, a book is a man's best friend.
Inside of a dog, it is too dark to read." - Groucho Marx

2642. How Much does it Cost????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: Samp@cfn.ist.utl.pt
Message-ID: <4gfv36$kr9@ci.ist.utl.pt>
Source record: 205326

HI
I am quite new at this group, but radio communications allways was a subject very interesting to me.
I would like to know, to begin with, the price of some general purpose transceivers (radio emitter/receiver), might be material not very "high Tech".
For example the radio's might have analog "tunning", insted of encoder's frequency swichting or keyboard frequency operation.
Also they might be "analog inside", nothing like digital frequency tunning and channel programmed frequency set-up.
Another interesting feature would be to connect the radio to the PC, in order to establish a modem trought RF!!!
Please, do not became very technical in your answer.
I know some electronics, but mainly from data-acquisition and computer interface acquisition boards.
I also work with some VME modules.
Thanks in advance for your help.
Best regards.
Pedro Coelho

/Pedro Miguel Sampaio de Athayde Coelho
/Centro de Fus&#65533;o Nuclear - IST
/Association EURATOM/IST
/Av. Rovisco Pais
/1096 Lisboa Codex
/Tel: 351 -1-841 91 04
/Fax: 351- 1-841 78 19
/E-Mail: samp@cfn.ist.utl.pt
/
/ "... Hyeap... Pth, Pth, Pth,
/ whats up doc..."
/ Bugs B.
/----------
Note: The above comments and opinions are
personal and may not express CFN positions.

2643. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: k4kxo@netside.com
Message-ID: <4gfk3h$ktd@nntp.netside.com>
Source record: 205327
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

Theoretically, an antenna tuner does not dissipate power, de k4kxo.
macino@mail.fwi.com wrote:

>In <4g2j6u$12e1@chnews.ch.intel.com>, tom_boza@ccm.ch.intel.com (WB7ASR) writes:
>>How can you tell how much RF power an antenna tuner is consuming
>>when in use?
>>
>>Is this a trick question? How about putting a wattmeter just in front of it, measure
> the power in, then put the wattmeter on the output side and measure the power
> out. The difference should be WATT your loosing in the tuner.

> 73's WD9AHF - Jim

2644. FT712 mods????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: Chris Boone <72732.2610@CompuServe.COM>
Message-ID: <4ggd6isd1@mhadg.production.compuserve.com>
Source record: 205328

Does anyone have any mods for the FT712 model by Yaesu?

I just acquired a used one and would like to go below 430 Mhz....(above 450
would hurt either but not neccessary)

Tnx
Chris
WB5ITT
--
Senior Telecommunications Technician 72732.2610@CompuServe.com
ENTERGY/Gulf States Utilities 1:106/4267 FIDOnet
WB5ITT - Advanced Class BBS- 409-447-4267 (WBBS)
PG-9-5322 FCC Commercial 409-525-2001 PhoneMail 24hr

2645. Help! ICOM IC-38A Mic Conns?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: cardenas@kaiwan.com
Message-ID: <4ggfdg$i3@kaiwan.kaiwan.com>
Source record: 205329

HELP!

I have a ICOM-38A and I need to know the mike pin-out, please?
It is a 8 Pin connector.

I intend to use a ICOM HM-12 Mike... the connector is missing (I got
one at Radio Shack) so if you have the pin/color code or whatever for that
mike?

I have no manual for the radio or schematic for the mike.

Any help for either would be greatly appreciated!

Thanks!
Tony
WA6IGJ

2646. Help! ICOM HM-12 Mike

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: cardenas@kaiwan.com
Message-ID: <4ggfej$i3@kaiwan.kaiwan.com>
Source record: 205330

Do you have the pin/color codes for this mike?

It is a good mike, it is just missing the mike connector. I got the 8-pin replacement from Radio Shack and I intend to use it with a ICOM IC-38A.

Any help would be greatly appreciated!

Many thanks!
Tony
WA6IGJ

2647. What ever happened to...RDF

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: editz@eskimo.com
Message-ID: <Dn6B6y.KME@eskimo.com>
Source record: 205331

Marine RDF's seem to have gone by the window of time. Everytime I go to a boat show, I always ask for them. The answer seems to be "If you had one today, you could sell it for a lot of money". 'Seems all the old ones were scarfed up by commercial fisherman. I understand someone produces one for a very large price, but not for me.
I was thinking that someone could design a signal analyser independent of the radio, and display the info on an LCD screen; sell a couple hundred and make out really good!

2648. Re: Ameritron Amplifiers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: Gary Davidson <reporter@sparc1.castles.com>
Message-ID: <4ggt87$rr1@miwok.nbn.com>
Source record: 205332

I would be very curious as to why suppliers in Germany would circulate
catalogs, or other sale material without reasonable descriptive text -
wonder if someone might provide an answer?

--
Gary... KJ6Q... I am the NRA | Annoy a Liberal - say NO to gun control!
============================ | Annoy a Democrat - say BYE BYE CLINTON!
"Did you come here to *LEARN*|==================================
or to nose around, make rude | "It's *EASY* to be a liberal, it's
noises & provide proof our | OTHER people's money you are giving
educational system stinks?" | away! (or living off of!)

2649. W21AT help.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: herb@alpha1.csd.uwm.edu
Message-ID: <4ggqn3$3re@uwm.edu>
Source record: 205333

I have an R-1, which despite the many flames, I like alot as a very small scanner. I was thinking of trading in for an Icom W21AT. Will the newer ones do the keystroke mod for wideband recieve, and do they recieve fairly well out of band? I am mainly interested in Aircraft, Police, Fire, and a few 800 psb freqs. (Aside from the usual ham stuph.) Also, how reliable are they?

Many Thanks,

Nate, KB9LSX

http://www.uwm.edu/~herb

UWM has an Amateur Radio Club, WB9JBF. Email us at WB9JBF, or connect to our packet station during the day. (145.030 milwaukee, WI <c WB9JBF>)

2650. Re: Helping a begginer can be your good deed for the week

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: vbreault@rinhp750.gmr.com
Message-ID: <VBREAULT.96Feb22093136@rinhp750.gmr.com>
Source record: 205334

In article <mwhite-1902960943460001@m14494-mac.mitre.org> mwhite@mitre.org (Michael White) writes:

> Every radio station has three parts: a transmitter, a receiver, and an
> antenna. The transmitter generates alternating current at radio
> frequencies (RF), and modulates it with information: usually sound, video,

<deletia>

Bravo Mike.

That was a very good summation of amateur radio. I've saved it and
may print off copies from time to time for acquaintences who express
an interest. (Of course I'll preserve the attribution.)

--
Val Breault vbreault@gmr.com \ /| ars N8OEF
General Motors R&D Center, Warren, MI \ / | pres GM ARC
My opinions are not necessarily those \ /__| HF mobile on
of GM R&D or of the GM Corporation. \/ |___ 14.200 +/-

2651. TS440S shut down problem on some bands

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: pj_duggan@nt.com
Message-ID: <pj_duggan-220296134412@ngalm402.gal.nt.com>
Source record: 205335

Hi Guys,

I am having a problem with my TS440S HF Rig. It shuts down between 14.5MHz and 22MHz. Get no audio from speaker and 7 dots on the display. Fault sometimes occurs between 22MHz and 30MHz. But this seems to correct itself after 15 minutes of power on. Fault is present for both transmit and receive. Relays on the ATU board and filter board seem to function O.K. for the different bands including the problem ones mentioned above.

Does any one have any ideas on the above?? or has anyone experienced similiar problems with Kenwoods TS440s??
Does a workshop manual exist other than the owners handbook? If so where can I get one??

73'S

EI2HF
EI7EEB

2652. Help with Azden PCS-3000

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: Rob Neff <n7ory@primenet.com>
Message-ID: <312C925C.5BA7@primenet.com>
Source record: 205336

Howdy!
I have a guy in the area that has inherited a PCS-3000 (KB7ZHH, Bob). He tells me that the CTCSS tone encoder freq has to be set
on the inside of the radio somehow. However, he does not have any information on how and where this is done. He says that someone
told him that they had set the tone for 162.2, and that it used to bring up a few PL'ed repeaters, but not all of them. I
figured that the level might need to be adjusted but, he told me that since the last time he used it, it won't bring them up at
all. Sounds like more than a level problem now. If anyone has any information about the PCS-3000 and the CTCSS tone encoder in it,
he would greatly appreciate it. Or perhaps a schematic?
Please email me with any information, for he does not have a net address.

Thanks for your time.
73
n7ory@primenet.com

2653. Re: TS870 or TS950?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: Bill Crocker <billc@mail.rust.net>
Message-ID: <312C0BF3.1E3D@mail.rust.net>
Source record: 205337

Mark Pettigrew wrote:
>
> Hi folks!
>
> I'm thinking about a new, fancy black box rig to replace my TS530SP, and
> I've been pondering a TS870. However, I can get a secondhand TS950SDX for
> less than the TS870, and that's not even taking into account the extra
> cost of the powersupply.
>
> My question is - is there any reason why I should get the 950 instead of
> the 870? I know there are a few features on the 950 that aren't on the
> 870, like an extra 50W output (only adds 1.7dB, though) and dual
> receivers. Has anyone experience of either to be able to say 'Yes, go for
> that one!'?
>
> Mark
> G0WLR

Mark:

I'm no expert on the subject. In fact, I don't even have my license...yet. But for what it's
worth, I did purchase a TS-870S for use as a high-end receiver. The TS-870S, as you know, has
the DSP (Digital Signal Processing), and it really makes a difference! You don't have to buy any
filters for it...it's all built in! The computer control software (included) is super! The extra 50W in the 950 might get you out just a little further, but remember, you can't talk to
someone you can't hear!

Bill Crocker

2654. Motorola MT-1000 Prog.cable Pinout

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: atem@aol.com
Message-ID: <4gh4ff$16q@newsbf02.news.aol.com>
Source record: 205338

If anybody has a diagram for the pinout to make a Motorola MT-1000 cable,
it would be of great help.

Thanks,
Adam
Atem@aol.com

2655. Audionic Eartalk speaker microphone

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: cv282@FreeNet.Carleton.CA
Message-ID: <Dn5zt4.B0@freenet.carleton.ca>
Source record: 205339

Has anyone ever had any experience with the Eartalk speaker mike?
The mic is in the ear plug, picking up sounds via the ear canal. Fits most
HT's. I'm wondering if it really works that well.

--

□
cv282@freeNET.carleton.CA
purdon@ott.ve2sux.ampr.org
□

2656. Kiwa Loop Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: Kent Winrich <kwin@execpc.com>
Message-ID: <312CDD0C.23AA@execpc.com>
Source record: 205340

I am looking for a Kiwa MW loop for my BCB DXing adventures. Anyone out there want to part with one??

Kent Winrich, NI9U
Waukesha, WI
kent.winrich@industry.net

2657. Re: TS870 or TS950?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: dtburr@mcs.com
Message-ID: <4gi272$7a8@Nntp1.mcs.net>
Source record: 205341

> Feroz Ghouse <Ghouse_F@mail.uwlax.edu> writes:
> Mark Pettigrew <ltimp@shu.ac.uk> wrote:
> >Hi folks!
> >
> >I'm thinking about a new, fancy black box rig to replace my TS530SP, and
> >I've been pondering a TS870. However, I can get a secondhand TS950SDX for
> >less than the TS870, and that's not even taking into account the extra
> >cost of the powersupply.
"snip"

> I use the 870. Like it lots
>
> 1. The DSP is great
> 2. Good RX. Except if another HF station is transmitting next door.
> 3. Lots of flexibility in settings
> 4. 12V
> 5. No external interface is needed to connect to the computer & can comm at speeds up
> to 57.6K
> 6. The control package is fun
> 7. IMHO lots of radio for the money.
> 8. If you wish I can e-mail you (if I find it) a compilation of contestors who used
> this radio under gruelling contest condx. My conclusion is the results are mixed
> with more in favor of the radio. Let me know...
> 9. No external filters are required
> 10. Excellent built in K1-Logic-keyer

I agree 100%. The 950 has been out for *many* years, and it's a good radio, but outside of the second receiver, there's
no compelling reason to select it over the '870. Time has passed it by, and undoubtedly, Kenwood will be coming out
with an advanced dual receiver rig to replace it. If the used '950 were really much less expensive, and you owned a
good audio DSP, it may be worth considering, especially if you REALLY NEED dual receive and it isn't just a toy.
Dave

Email: dtburr@mcs.com

2658. Wanted... Kenwood TM-741A 144/440 (I also need a 33MHz band unit for it)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: spade@onramp.net
Message-ID: <4ghpeh$5d2@news.onramp.net>
Source record: 205342

I'm looking for a used Kenwood TM-741A. It needs to be in good shape. I am also looking for a Low band (33MHz range) module for this radio. Please let me know and thanks for your time.

2659. Re: FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: wright@onramp.net
Message-ID: <wright-2202960701290001@jbw.csbsdal.org>
Source record: 205343

I recommend that you buy Yaesu's speaker mikes. They are proud of them, but since they pass data through the jacks, regular mikes don't seem to work right...

In article <4g7ba0$o33@felix.teclink.net>, Thomas Martin <tmartin@teclink.net> wrote:

> I just bought a FT-51R at a local hamfest and really like it. I
> need a speaker mike for it though. I tried an MFJ mini speaker
> mike and the led on the mike doesn't work correctly. Stays dim
> all the time instead of glowing when transmitting. It seems to
> work OK but is extremely hot. Does anyone know if this will
> hurt my HT or if there is a good aftermarket Mic for this rig?
> Yaesu is very proud of their mic and the hamfest has about
> cleaned me out for a little while.
>
> Thanks
> Thomas Martin (N5ZNO)
> tmartin@teclink.net

2660. Re: Trio-Kenwood 599 Line

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: Bob Archer N4ECO <Bob.Archer@columbiaSC.ncr.com>
Message-ID: <Dn6nJD.BK2@ncrcae.ColumbiaSC.ATTGIS.COM>
Source record: 205344

Since 1979, R & T599's..

>==========Siegfried Rambaum, 2/21/96==========
>
>Just curious, if someone out there still runs it :)

Bob Archer N4ECO

2661. WTB: Two scanners with 800 MHz, cellular coverage not needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4ghsif$dpa@mksrv1.dseg.ti.com>
Source record: 205345
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.scanner

My local police and fire departments are getting ready to switch from high VHF and UHF to 800 MHz, and I don't have a scanner that will receive 800 MHz. Serious bummer! I don't need anything fancy, and I don't want to spend lots of money. I couldn't care less if the cellular bands are un-blocked, as I have no desire to eaves-drop on peoples' private conversations. I'd like to find one handheld and one desk top scanners which cover the following bands:

29 - 54, 108 - 136, 136 - 174, 406 - 512, 800 - 900

The handheld must accept NiCd batteries. The desk top must run on 115 VAC and 13.8 VDC. Anything I buy will be in nice condition, with no modifications, and with manual (and preferably with the original boxes, packing, etc). Whatcha got that I can use? Please e-mail or phone me.
Thanks!
Dean Hemphill, KC5NG
Lake Dallas, Texas
(817) 497-5365
QRP%mimi@magic.itg.ti.com

2662. WANTED: 2m Mobile for under $100

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: mlamb@sunny.ncmc.cc.mi.us
Message-ID: <4ghtme$44@srvr1.engin.umich.edu>
Source record: 205346

Amateurs,

I'm looking for a functioning, used 2m mobile transceiver with 40W or greater output for <$100. email me if you have one to sell. Have a good day!!

mlamb@sunny.ncmc.cc.mi.us

73, KB8VBA

2663. IC-M800 modification

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: Daniel Zaninetti <zan@iprolink.ch>
Message-ID: <312C7B5D.27E9@iprolink.ch>
Source record: 205347

Does anyone knows how to modificate the ICOM Ic-m800 in order to emit in all HF band? thank you.
Dan

2664. Henry 1KD5 Manual Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: tjenkins@pnet16.navy.mil
Message-ID: <Dn5ww2.AnG@nctamsep.navy.mil>
Source record: 205348

Title says it all. Will pay repro costs.

--Tom

INET: tjenkins@pnet16.navy.mil

2665. Spark Plug Noise Problem: 1994 Jeep Grand Cherokee

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: David Johanson <johanson@ix.netcom.com>
Message-ID: <4gi6e3$i43@ixnews3.ix.netcom.com>
Source record: 205349

I looking for some assistance in getting rid of spark plug noise emission on my 94 Jeep Grand Cherokee. If I have an HT within 10 feet of the car on its own power it will pickup the spark plug noise radiation. It does tend to get better after the car warms up, but is still there.

Any help is greatly appreciated.

David Johanson, KC6TYF
Highlands Ranch, Colorado

2666. FOR SALE - HAM GEAR

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: ppickens@cris.com
Message-ID: <4gi6gi$lq3@spectator.cris.com>
Source record: 205350

I am quiting the hobby of ham radio and I am offering the following gear for sale.

Ten Tec Paragon - Excellent condition includes all filters, RS- 232 card,
voice synthesizer card and Heil head microphone.
$1300.00 shipped.

Yaesu FT-530 - Excellent condition includes digtial microphone and
cigarette lighter adpter.
$300.00 shipped.

Kantronics KAM Plus multi- mode controller - Mint condition. used less that
10 times, includes all cables and has the latest version of EPROM.
$275.00 shipped.

MFJ Deluxe Versa Tuner II - Model MFJ-948. Excellent Condition.
$75.00 shipped.

Palomar Tuner Tuner - Excellent Condition
$60.00 shipped.

AEA MM-3 - The Morse Machine - Excellent Condition
$150.00 shipped.

If interested , email me a ppickens@cris.com or call me at 901-377-6704 after
6:00 pm CST.

Name : Phil Pickens
Home : Memphis, TN
Email: ppickens@cris.com
Amateur Call: AD4WP

Interests: Ham Radio, Fly Fishing, Fly Tying and Family.

Yesterday pasted, Today reality, Tomorrow fantasy.

Name : Phil Pickens
Home : Memphis, TN
Email: ppickens@cris.com
Amateur Call: AD4WP

Interests: Ham Radio, Fly Fishing, Fly Tying and Family.

Yesterday pasted, Today reality, Tomorrow fantasy.

2667. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: macino@mail.fwi.com
Message-ID: <4gi5n2$lhb@news.ios.com>
Source record: 205351
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In <4gdfng$4ov@maureen.teleport.com>, w7el@teleport.com (Roy Lewallen) writes:
>In article <4ga0lt$dho@news.ios.com>, macino@mail.fwi.com wrote:
>>In <4g2j6u$12e1@chnews.ch.intel.com>, tom_boza@ccm.ch.intel.com (WB7ASR)
>writes:
>>>How can you tell how much RF power an antenna tuner is consuming
>>>when in use?
>>>
>>>Is this a trick question? How about putting a wattmeter just in front of
>it, measure
>> the power in, then put the wattmeter on the output side and measure the
>power
>> out. The difference should be WATT your loosing in the tuner.
>>
>> 73's WD9AHF - Jim
>
>The problem with doing that, Jim, is that the impedance on the output of
>the tuner may not be anywhere near 50+j0 ohms. (After all, that's why we
>need tuners, no?) If you know where I can get a wattmeter I can insert into
>a feedline looking into 2000 - j600 or 2 + j750 ohms and get an accurate
>(or even approximate!) reading, please let me know!
>
>73,
>Roy Lewallen, W7EL

I think I'd reexamine my antenna choice.
Jim WD9AHF

2668. Ford Motor Noise Problem number

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: Bill Nadzam <nadzam@garlic.com>
Message-ID: <312D1B62.50E2@garlic.com>
Source record: 205352

I know that I have read that Ford Motor Company has acknowleged a
problem with their Electric Fuel Pump causing noise in Radio equipment.
Does anyone out there have a Problem number or a reference number
for this problem? My dealer seems to what to ignor me unless I can get
a number.
--

Name: Bill Nadzam "K8WN"
E-mail: nadzam@mail.garlic.com (Bill Nadzam)

2669. Re: TS440S shut down problem on some bands

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: dstock@hpqmdla.sqf.hp.com
Message-ID: <Dn6tqG.1E8@hpqmoea.sqf.hp.com>
Source record: 205353

PJ DUGGAN (pj_duggan@nt.com) wrote:
: Hi Guys,

: I am having a problem with my TS440S HF Rig. It shuts down between 14.5MHz
: and 22MHz. Get no audio from speaker and 7 dots on the display. Fault
: sometimes occurs between 22MHz and 30MHz. But this seems to correct itself
: after 15 minutes of power on. Fault is present for both transmit and
: receive. Relays on the ATU board and filter board seem to function O.K. for
: the different bands including the problem ones mentioned above.

: Does any one have any ideas on the above?? or has anyone experienced
: similiar problems with Kenwoods TS440s??
: Does a workshop manual exist other than the owners handbook? If so where
: can I get one??

Most likely cause is bad adjustment of the VCOs on the output loop of
the synthesiser. Most rigs split the 30 MHz osc tuning range into 3 or 4
oscillators. There isn't much tuning voltage swing and adjustment is a
bit critical. Drifts as the radio ages and some freqs hit the tuning
endstops of the VCO, loop unlocks an TX shutdown activated plus other
warnings like your display.

There is a proper service manual with fault finding trees and circuit
descriptions available via Kenwood agents.

If this is it, it's pretty easy to fix, no parts needed, just a
voltmeter and a twiddler tool. Bog standard fault on just about all synth
HF rigs.

Cheers
David GM4ZNX

2670. Fix on Astron Power Supply

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: T E I X E I R A <teixeira@ccnet.com>
Message-ID: <4gi94f$71r@ccnet2.ccnet.com>
Source record: 205354

About a year ago I posted a problem with my Astron RS12A. I use the supply for a 2 meter mobil rig only. When operating on 40 meter CW (not connected to the Astron) The voltage on the Astron would jump to 18v and shut down. Sounds weird but there were others on the net who had similar problems whith Astrons. I had been using an extension cord to the power supply. I eliminated the cord and this helped.....not a cure.

So.....I picked up a 2" od ferrite loop and coiled the 110v power cord around it about 5 times and the problem seems to have gone away.

Don

2671. wtb manual & cat program for JRC NRD-525

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: Hank <kb2rkx@soho.ios.com>
Message-ID: <4gid75$6c1@news.ios.com>
Source record: 205355

I would like to get a copy of both the users manual & the service manual for a Japan Radio Co
NRD-525 as well as a Windows 3.1 Tuning program. Thanks Hank kb2rkx@soho.ios.com

2672. Re: RF interference in Ford Explorer

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: denoid95x@aol.com
Message-ID: <4gio6j$fik@newsbf02.news.aol.com>
Source record: 205356

I have heard of that problem in a friend of mine Explorer, he never did fix it, at least that I know of. You could tell though it had have come from something like the fuel pump. The noise was worst on 40M and noticable on 20M. He had a '94 Ford and had a new FT-840. Hope I can pass on some info to him!

N9RLR/2

2673. Re: TS440S shut down problem on some bands

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: "C. J. Hawley" <c-hawley@uiuc.edu>
Message-ID: <312CB810.6A1F@uiuc.edu>
Source record: 205357

David Stockton wrote:
>
> PJ DUGGAN (pj_duggan@nt.com) wrote:
> : Hi Guys,
>
> : I am having a problem with my TS440S HF Rig. It shuts down between 14.5MHz
> : and 22MHz. Get no audio from speaker and 7 dots on the display. Fault
> : sometimes occurs between 22MHz and 30MHz. But this seems to correct itself
> : after 15 minutes of power on. Fault is present for both transmit and
> : receive. Relays on the ATU board and filter board seem to function O.K. for
> : the different bands including the problem ones mentioned above.
>
> : Does any one have any ideas on the above?? or has anyone experienced
> : similiar problems with Kenwoods TS440s??
> : Does a workshop manual exist other than the owners handbook? If so where
> : can I get one??
>
> Most likely cause is bad adjustment of the VCOs on the output loop of
> the synthesiser. Most rigs split the 30 MHz osc tuning range into 3 or 4
> oscillators. There isn't much tuning voltage swing and adjustment is a
> bit critical. Drifts as the radio ages and some freqs hit the tuning
> endstops of the VCO, loop unlocks an TX shutdown activated plus other
> warnings like your display.
>
> There is a proper service manual with fault finding trees and circuit
> descriptions available via Kenwood agents.
>
> If this is it, it's pretty easy to fix, no parts needed, just a
> voltmeter and a twiddler tool. Bog standard fault on just about all synth
> HF rigs.
>
> Cheers
> David GM4ZNX

Before you adjust anything, scrape the gooey wax off of the components in the PLL section. I think that is where the wax is that a friend who had the exact same problem removed and fixed his 440.

Chuck, KE9UW

2674. FDK 750E 2m HT Mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: Dave Johnson <djohnson@flesh>
Message-ID: <Pine.SUN.3.91.960222115751.25288A-100000@flesh>
Source record: 205358

I have a colleague who just moved to the U.S. who has an FDK 750E 2 meter
HT that has Tx/Rx from 144-146 mHz. It is apparently a European model.
Are mods available to extent Tx/Rx to 148 mHz? If so, can you email
these to nblamey@nmt.edu or reply to this email address and I'll forward.

Thanks.

```
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_/_/ _/_/
_/_/ 73, de Dave (Johnson) - KB5YIW in Socorro, New Mexico _/_/
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```

2675. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-22 00:00:00 UTC
From: "Ian White, G3SEK" <G3SEK@ifwtech.demon.co.uk>
Message-ID: <2B5xCCAwYJLxEwzU@ifwtech.demon.co.uk>
Source record: 205359
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In article <n7ws.62.006B6A8B@azstarnet.com>, Wes Stewart wrote:
>In article <io6alDAu03KxEwb$@ifwtech.demon.co.uk> "Ian White, G3SEK"
><G3SEK@ifwtech.demon.co.uk> writes:
>
>
>>One way around this problem would be to borrow a second, identical
>>tuner. Tune the first one into the antenna system as usual, for minimum
>>VSWR at the TX end. Then connect the second tuner back-to-back into a
>>50-ohm absorption wattmeter (or Bird 43 and dummy load) and tune that
>>one also for minimum VSWR at the TX end. The power loss (in dB) in a
>>single tuner will be one-half of the total.
>
>See below.
>
>>That would get around the problem of measuring output power into an
>>arbitrary complex impedance, and also get around the problem that the
>>loss in any tuner will depend on the impedance to be matched.
>
>>Note also that the loss in a tuner that has more than two independent
>>adjustments (eg two variable Cs and a variable L) will also depend on
>>which combination of settings you choose. Even though there will be many
>>ways to achieve a 1:1 match, different combinations of settings will
>>affect the loaded Q and hence the loss.
>
>I have mentioned this in this group before. Without an OUTPUT indicator of
>some kind, you can effect a match with an infinite number of settings (of
>three variables). Only one will be the lowest loss condition. With components
>of reasonable unload Q, the differences between optimum an worst case can be
>many dB. Unfortunately, this is also true when running the above experiment.
>Therefore, the loss in one tuner may not be one half of the total.

Wes is absolutely right, of course! When using two identical tuners with three adjustments each, you'd need to set one (any one) adjustment in the tuner 2 to exactly the same as in tuner 1. The other two adjustments in tuner 2 should then come out the same when you tune for minimum VSWR.

Buddhist master says: You can never adjust your antenna tuner the same twice.

Zen Buddhist master says: You can never adjust your antenna tuner the same even once!

73 from Ian G3SEK Editor, 'The VHF/UHF DX Book'
'In Practice' columnist for RadCom (RSGB)

Professionally:
IFW Technical Services Clear technical English - anywhere.

2676. Re: BEWARE OF DEALING WITH DERRICK HALL, SEAT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: everyknee@aol.com
Message-ID: <4gks9a$617@newsbf02.news.aol.com>
Source record: 205210
Cross-posted to:
rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,alt.radio.scanner

I'm sorry to hear of your bad experience with Derrick Hall.

I've always wondered how to buy expensive stuff from private parties I've never met.

Is there a more secure way to do it?

Craig in Fresno

2677. Re: Spark Plug Noise Problem: 1994 Jeep Grand Cherokee

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb23.174113.19402@ke4zv.atl.ga.us>
Source record: 205211

In article <4gi6e3$i43@ixnews3.ix.netcom.com> David Johanson <johanson@ix.netcom.com>
writes:
>
> I looking for some assistance in getting rid of spark plug
> noise emission on my 94 Jeep Grand Cherokee. If I have an
> HT within 10 feet of the car on its own power it will pickup
> the spark plug noise radiation. It does tend to get better
> after the car warms up, but is still there.

Both of my Jeeps, a Cherokee and a Comanche, had noise problems,
and other electrical problems, when I got them. After a lot of
hair pulling, I discovered the reason. The parts are painted
before assembly, thus there is an extremely poor electrical
bond between components.

On my Comanche, I actually disassembled the vehicle and sanded
off the paint on mating surfaces. On the Cherokee I just added
a bunch of star washers to bite through the paint and added a
bunch of copper straps to bond panels together. The Comanche
fix works better, but the Cherokee is tolerable now too. The
horns now work, the dash lights don't dim when the air conditioner
comes on, or blink in step with the turn signals, and best of all
the noise in the radios is virtually gone.

Besides improving bonding, specific things you should check
with ignition noise is that the proper resistor plugs and
resistor wires are being used, and that the cap and rotor
don't have carbon tracks. The latter can generate fierce
noise, and make the engine idle rough too.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2678. Free Tower! (L.A.) Moving/U Take Down

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: frankb@netcom.com
Message-ID: <4gkupq$4o1@kaiwan.kaiwan.com>
Source record: 205212

FREE 60' TOWER... In Marina Del Rey (L.A.)

Less than 2 years old. I'm moving and can't take it with me. I have two weeks before the move.

Self-supporting TELEX, nice shape. You take it down. I keep the antenna.

Frank KD6KEK
(310) 823-0706

2679. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <4gl1ul$22m@abyss.West.Sun.COM>
Source record: 205213
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In article <312D5873.708B@intermediainc.com>,
Jeff DePolo WN3A <depolo@intermediainc.com> wrote:
>
>I would think a calorimetric measurement would provide more accurate
>results, although the technique for doing such that doesn't
>require submersion may not be all that easy to do at home.

Hey, I was gonna post this, but I couldn't think of a suitable
liquid to submerse the tuner in.

>I would imagine that it would be more difficult to make and use
>an air-based calorimeter, especially one that would yield results
>as accurate as a submersion-based one. Maybe the tuner could be
>placed in a thermally-conductive, liquid-tight container and
>then submerged? Anyone with more knowledge on the subject care to
>comment?

The thermal latency resulting from "insulating" the tuner in another
container would complicate taking the reading. I'd be more interested
in finding a suitable dielectric liquid.

;-)

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *

2680. Re: Yaesu FT-51R (& vs. Kenwood TH79-A(d))

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: Paul Moller <Paul_Moller@csg.mot.com>
Message-ID: <312E0E8F.4CA7@csg.mot.com>
Source record: 205214

The First thing I look for is the radio that has the most metal in the case. Yes the most! I realize that is not the lightest, but it is definately the best for performance. You must consider that the antenna used on these portable radios is a 1/2 wave, ok a 1/4 wave whip with the case of the radio being the other 1/4 wave. If you have a lossy bottom half to your dipole do you expect it to perform well? Think about it.

Paul_Moller@csg.mot.com

2681. WANTED: Icom IC-2000H mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: mlamb@sunny.ncmc.cc.mi.us
Message-ID: <4gl60l$4e3@srvr1.engin.umich.edu>
Source record: 205215

Please email me with mods for this radio if you have them. Thanks, 73, KB8VBA

2682. Re: HELP: buying GaAs FETs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: dave@diusys.cms.udel.edu
Message-ID: <4gkiuu$35k@news.udel.edu>
Source record: 205216

Jeffrey Stocker (jstocker@bode.ece.uiuc.edu) wrote:
: I am looking for a company from which I can buy a small
: quantity (5-10) of low noise GaAs FETs. (specifically
: MFG-1302 or MFG-1402 by mitsubishi).

: In the past, I have dealt with Down East Microwave, but
: there number is disconnected...did they go out of busines?
: Did they move?

Down East Microwave can be reached at (908) 996-3584
they have mgf1302's on thier price list.

73, dave wa3u

2683. WANTED: Icom T21A mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: mlamb@sunny.ncmc.cc.mi.us
Message-ID: <4gl8kd$5ct@srvr1.engin.umich.edu>
Source record: 205217

Please email me with T21A mods. Thanks, KB8VBA

2684. Re: HELP: buying GaAs FETs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: landisj@nad.com
Message-ID: <1996Feb23.112924.449@nad.com>
Source record: 205218

In article <4gip45$5tc@vixen.cso.uiuc.edu>, jstocker@bode.ece.uiuc.edu (Jeffrey Stocker) writes:
> I am looking for a company from which I can buy a small
> quantity (5-10) of low noise GaAs FETs. (specifically
> MFG-1302 or MFG-1402 by mitsubishi).
>
> In the past, I have dealt with Down East Microwave, but
> there number is disconnected...did they go out of busines?
> Did they move?
>
> If you could give me the name and tele. number of a company,
> it would be greatly appreciated.
>
> Jeff Stocker
> jstocker@bode.ece.uiuc.edu

Well DEM moved a while back, and is in Frenchtown NJ. Steve, N2CEI runs it. Number is now 908-996-3584. He still sells MGF1302's.

73,
Joe - AA3GN
--
Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
landisj@nad.com ..speaking only for myself, of course..

2685. Re: Lithium battery usage...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: boiborsum@aol.com
Message-ID: <4glfn3$bv4@newsbf02.news.aol.com>
Source record: 205219

I too own a FT-10 and have not tried that idea. I would think that your logic shouldn't too far off, but to test it I would try mixing in two lithiums and 2 alkaline for 9 volts, just incase there is something about the radio not liking the 12 volts of input through the internal contacts.

My long term cost solution is to used a lead acid battery that you could charge on AC and use the DC adapter to draw the 12 amps. Costs would even out by the 3rd set of lithiums I would think. HRO has one that is 8 amp hours for $70 .

Dan - KC7NJD - Boise

2686. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: Jeff DePolo WN3A <depolo@intermediainc.com>
Message-ID: <312E4D1F.1C9A@intermediainc.com>
Source record: 205220
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

robbin decker wrote:
>
> Jeff DePolo WN3A <depolo@intermediainc.com> wrote:
>
> My thoughts are that it has always been exceedingly difficult to
> properly configue the ants to accept coaxial connecting devices,
> and in order to do so the proper surgical equipment is very difficult
> to obtain without a certificate of authority from the State Board of
> Entomology, although the policy probably varies from State to State.
> It is my understanding that there is a degree of inductance variance
> between different factions of Army ants, the Clintonian variety being
> particularly difficult to induct. The carpenter would afford the
> largest hardware interface but could be detrimental to wood burning
> test equipment. A solid warning is that any such tests should be done
> in strict secrecy as the possibility of disruption by factions of
> PETA, Greenpeace, ASPCA, Handgun Control International, and other
> organizations dedicated to prevent such unscrupulous activities
> exists. Measuring the loss of RF power when using an ant tuner, not to
> mention the mere act of tuning an ant to begin with, would surely
> disrupt the morning tofu and granola indulgences of the membership.

You're wrong, I didn't write that.
--
-=-Jeff DePolo
WN3A Twisted Pair: H:610-337-7383 W:215-387-3059 x300
depolo@eniac.seas.upenn.edu RF: 442.1 442.2 442.4 443.45 443.8 444.15 linked
Claim to Fame: I got the 1st speeding ticket on the information superhighway

2687. Re: FREE TOWER! (L.A.) Moving/U Take Down

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: briansalt@cix.compulink.co.uk
Message-ID: <Dn96IA.CGu@cix.compulink.co.uk>
Source record: 205221

You're too far away for me...:-))

Brian Salt.G3VVG.
Buckland Monachorum,
Devon,
England.

2688. FT23R mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: briansalt@cix.compulink.co.uk
Message-ID: <Dn96IC.CHs@cix.compulink.co.uk>
Source record: 205222

I have found various mods for the FT23R 2m handy, but I cannot find out how to change mine to step at 5kc/s and 10kc/s instead of the preset 12.5kc/s.

Anyone know the answer?

TIA.

Brian Salt. G3VVG.
Buckland Monachorum,
Devon,
England.

2689. WTB:Optical Fiber Cable for IC-900/A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: chris@collab.com
Message-ID: <2185@biosys.apldbio.COM>
Source record: 205223

Needed - One Optical Fiber Cable for IC-900 P/N OPC-172

Let me know if you have one around - Trade or $

Chris Knudson
Work 415-638-5455
Home 408-732-8348
Mail chris@collab.com

2690. WTB -- "Understanding Amateur Radio" <<< ARRL >>>

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: Bill <debral@falcon.cc.ukans.edu>
Message-ID: <1996Feb23.173728.114648@kuhub.cc.ukans.edu>
Source record: 205224

Looking for the following publication:

"Understanding Amateur Radio"
by George Grammar, ARRL
1963, paperback

Prefer mint condition, but will consider ALL offers.

73s

Bill
AA4FM/0

2691. Re: RFI to Heart-Pacer like unit AICD

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: wday@dfw.net
Message-ID: <wday-2302962348240001@ppp26.fortworth.dfw.net>
Source record: 205225
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

daniel@pandora.lugs.po.my (Daniel Wee, 9V1ZV) wrote in part:

> Does anyone
> have any experience with one of these things and could give me some feedback
> to confirm or allay any fears my friend might have? Thanks.
>
> Automatic Implantable Cardiovester Defibrillator
> Made by Meditronics
> Newer (1-lead) model
>

You might want to drop a note to :

Postmaster@Medtronic.Com

and ask him to forward a note to the customer service folks asking for any
research or data related to this problem. Certainly they would probably
know more than the anecdotal information the rest of us might be able to
provide.

Good luck!

73 Wayne KF5ZC

Wayne Day KF5ZC Fort Worth,Texas,USA kf5zc@amsat.org |
CompuServe: 76703,376 76703.376@CompuServe.Com | ,__o
wday@dfw.net |--_<,
Member: Bicycle Mobile Hams of America (*)/'(*)
For info on BMHA or the BIKEHAM mailing list: Finger KF5ZC@dfw.net
---

2692. Re: 89 Ford Bronco static problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: tom_boza@ccm.ch.intel.com
Message-ID: <4gkor6$169v@chnews.ch.intel.com>
Source record: 205226

scicon@ix.netcom.com(Dan Walker) wrote:
>I have a strange interference problem in my Bronco.
>
>There is always a certain amount of static in the receiver, but it's
>not unbearable unless I turn the steering wheel to the left! When the
>wheel is moved to the left the static completely drowns out the
>receiver.
>
>When I had my oil changed, the mechanic replaced the PCV valve. Now I
>get no static at all UNLESS the wheel is turned to the left.
>
>Anyone have a similar problem?
>
>
>de KE6LBX

2693. Motorola HF gear?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <Dn7v8D.FEF@news.hawaii.edu>
Source record: 205227

Did Motorola ever manufacture gear for HF? I know RCA has (maritime marketed under RMCA, and broadcast), and I believe GE also did (broadcast?).

Just curious...

Jeff NH6IL

2694. HT w/ RX to 475 MHz

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: lui@netcom.com
Message-ID: <luiDn7nCv.MtH@netcom.com>
Source record: 205276

I'm looking for a HT which can receive up to 475 MHz; the local police frequency is 474.1375. The HT's I've looked at only recieve up to 470 MHz. Can any of these be modified to recieve up to 475 MHz?

Any suggestions for a dual-band HT in general?

Stephen

2695. Schematic for Kantronics RTTY Reader?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: 73700.12@compuserve.com
Message-ID: <4gj0mm$kgo@dub-news-svc-4.compuserve.com>
Source record: 205277

I'm trying to repair an old RRTY reader for Kantronics, but he bought it a a hamfest without any manual. Would anyone out there have the schematic and/or operating manual for this thing?

It's got power, but I can't seem to get anything out of it, feeding audio from my Ic-745 into the RX input.

I'd be glad to pay copying/shipping costs if you have this manual.

Thanks.

Jim Nuytens N3JJA/Delaware Email:
V.P., Delaware Repeater Association 73700.12 @ compuserve.com
Seitz Technical Products Jim @ Seitz.com

Delaware Ham Shack BBS 302-798-2002

All opinions stated above are my own, which probably accounts for their unpopularity.

2696. WTB; 6 mtr and 2 mtr all mode base

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: kevind@accesscom.net
Message-ID: <4gjftc$j6m@ux.accesscom.net>
Source record: 205278

I am looking for a 6 mtr and or a 2 mtr all mode base transciever's.
Thanks, Kevin KB5HFM

2697. Testing power amplifier tubes

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: jstamper@csra.net
Message-ID: <2177cc$02318.29@news.csra.net>
Source record: 205279

Does anyone know of a vendor that will test power amplifier tubes such as the high power ceramics?

2698. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: Jeff DePolo WN3A <depolo@intermediainc.com>
Message-ID: <312D5873.708B@intermediainc.com>
Source record: 205280
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

Roy Lewallen wrote:
>
>The other impedance, 2 + j750 is a 50-ohm SWR of 5650, requiring the Bird
>to read a forward power of 141,300 watts forward and 141,200 watts reverse.
>This isn't really a realistic impedance, since even a tiny bit of feedline
>loss would lower the SWR below this value.

I'd be hard-pressed to resolve a 100 watt difference on a 250kW Bird
slug ;-)

I would think a calorimetric measurement would provide more accurate
results, although the technique for doing such that doesn't
require submersion may not be all that easy to do at home.
I would imagine that it would be more difficult to make and use
an air-based calorimeter, especially one that would yield results
as accurate as a submersion-based one. Maybe the tuner could be
placed in a thermally-conductive, liquid-tight container and
then submerged? Anyone with more knowledge on the subject care to
comment?

Also, this all may be for naught as the losses in the tuner will
vary greatly with load impedance and frequency among other things,
so a few data points would only give a general picture of the
efficiency of a particular tuner.

--- Jeff

2699. Kenwood TH-79 Series Modifications wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: hgh@usa.net
Message-ID: <4gj61v$gju@shiva.usa.net>
Source record: 205281

Iam looking at puchasing a Kenwood dual band H-T. Need info on Tx and Rx modificatons By model (latest model vs earlier). Thanks for your help.

2700. Re: HELP!!!!! With Kenwood TH-78A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: dbwillia@uci.edu
Message-ID: <4gj3su$ob7@news.service.uci.edu>
Source record: 205282

In article <4g8u68$9o6@azure.acsu.buffalo.edu>, nitinn@acsu.buffalo.edu says...

>HELP!!!!!! I have a Kenwood TH-78A and I can't seem to listen to anything
>on the left side of the display.
>Nitin Natarajan
>N1GSK

Hello Nitin,

Without knowing what you've already tried, it's hard to help without seeing the radio, but for starters, make sure the radio PTT display is on the left side. Then make sure that the "V" number (volume) is able to be adjusted to around V10. Sometimes the volume control on modern HT's can be a bit confusing about which band you are affecting.

Also, may sure the "CT" is not displayed on the left top side. This indicates that the tone decoder is engaged. (This is probably not your problem seeing that you reset the unit).

There are a couple different modes of configuring the top rotary knobs, and knowing what each knob does for you might show a reason for the problem as well.

Good luck. E-mail me if I can be of further assistance. Brian N6ZAU

2701. WTD: ICOM W21AT Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: sandid@inc.net
Message-ID: <4gj3u7$6js@news.inc.net>
Source record: 205283

I am looking for information on the wide band RX mods for the W21AT. I tried the B+#+PWR and it did not work. So, I was wondering if there are any other mods, firmware or hardware, that will enable receive out of band on a brand new W21AT.

Thanks in advance,

Nate, KB9LSX

Note: Please do not respond to this account post here or email to herb@alpha1.csd.uwm.edu

2702. WANTED: ICOM T21A mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: mlamb@sunny.ncmc.cc.mi.us
Message-ID: <4gkgr7$pk2@srvr1.engin.umich.edu>
Source record: 205284

Please email to mlamb@sunny.ncmc.cc.mi.us

73, KB8VBA

2703. Wanted: Manuals & Mods for JRC NRD-525

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: Hank <kb2rkx@soho.ios.com>
Message-ID: <4gkg4s$74p@news.ios.com>
Source record: 205285
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.equipment,rec.radio.swap

Hi there!

I would like to get a copy of both the operaters manual and the service manual as well as any
known mods for a Japan Radio Co NRD-525. Thanks Hank kb2rkx@soho.ios.com

2704. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: w7el@teleport.com
Message-ID: <4gj6ba$f95@maureen.teleport.com>
Source record: 205286
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In article <1996Feb21.161918.10531@ke4zv.atl.ga.us>,
gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>In article <4gdfng$4ov@maureen.teleport.com> w7el@teleport.com (Roy
Lewallen) writes:
>>The problem with doing that, Jim, is that the impedance on the output of
>>the tuner may not be anywhere near 50+j0 ohms. (After all, that's why we
>>need tuners, no?) If you know where I can get a wattmeter I can insert
into
>>a feedline looking into 2000 - j600 or 2 + j750 ohms and get an accurate
>>(or even approximate!) reading, please let me know!
>
>Ahem. Roy, the wattmeter only has to have the same impedance as the
>*characteristic* impedance of the line, regardless of what load impedance
>may be terminating the line. If the output coax is 50 ohms (the usual
>case), then your trusty Bird 43 will work just fine. Of course, since
>the line won't have a unity VSWR, you'll have to calculate true output
>power from the forward and reverse readings on the wattmeter.
>
>Gary

Gary's right -- I shouldn't have dismissed the directional wattmeter out of
hand.

Using the impedances I snatched from the air:

2000 - j600 is an SWR of 43.6 in a 50 ohm system. This probably isn't
an unreasonably high SWR to see with a multi-band antenna fed with
ladder or open wire line. With 100 watts of power, the trusty Bird should
read a forward power of 1141 watts and reverse power of 1041 watts. It
might be possible to resolve the difference well enough to get an idea of
the actual power being transmitted.

The other impedance, 2 + j750 is a 50-ohm SWR of 5650, requiring the Bird
to read a forward power of 141,300 watts forward and 141,200 watts reverse.
This isn't really a realistic impedance, since even a tiny bit of feedline
loss would lower the SWR below this value.

So, the Bird 43 with a high-power slug might, after all, be adequate for
measuring the output power to determine loss, as long as the SWR (in the 50
ohm wattmeter) isn't too outrageous.

Thanks for the correction, Gary.

Roy Lewallen, W7EL

2705. Re: PSE Info on: JRC - JST135

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: stan@mutadv.com
Message-ID: <4gkmfn$1tu@news-2.csn.net>
Source record: 205287

In article <4g25ms$7le@unix1.ism.com.br>, lceglia@ism.com.br says...

>Can anyone send me info on the JST-135, from Japan RAdio co?

What would you like to know?

--
Stan Huntting, KF0IA
Postal Address: 4655 Pleasant Ridge Rd.,
Boulder, CO 80301-1731, USA
email: stan@mutadv.com
KaWin Home Page: http://www.mutadv.com/kawin/
KaWin FTP Site: ftp.csn.net in the directory /kawin

2706. Icom modifications...IC2000H ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: Jim Daneke <daneke@ix.netcom.com>
Message-ID: <312DD89B.182A@ix.netcom.com>
Source record: 205288

Are there any mods for the IC2000H?. It is a new radio and there
are none posted in ftp.oak.oakland.edu/pub/hamradio/mods/icom.

2707. TenTec 1220 2M kit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: n1ist@netcom.com
Message-ID: <n1istDn8L0J.18w@netcom.com>
Source record: 205289

I placed my original order for this kit back in 2/94... It took a while, but it showed up last night!!! Looks like they solved the alignment problems, the faceplate problems, and the creeping featurism in the software, and they are now shipping. Unfortunately, my bench is too buried in other half-finished projects for me to start this one right now :-(

/mike

--
\|/ Michael L. Ardai N1IST
-*- ---------------------------------
/|\ n1ist@netcom.com

2708. Mounting detachable faceplate in car - Help!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: simont@post.its.mcw.edu
Message-ID: <4gl2s1$mbt@post.its.mcw.edu>
Source record: 205290

Hi there,

I have recently bought a Kenwood TS742 2m/70cm dualbander which has a detachable face plate to allow the radio to be installed in the trunk and the contols to be up front within reach. I have the radio installed under the passenger seat and the wires from the battery are in place without any problems. I am now trying to find a way to mount the faceplate, preferably without doing anything permanent to the car.

I was wondering if anyone can give me any tips on how this might be accomplished? If I have to drill some holes somewhere inconspicuous then so be it, but Im trying to avoid it if I can. I have a Honda Civic '94.

I have seen pictures of faceplates mounted on mobile phone 'goose necks' (flexible arms mounted to the car floor) which look very neat and tidy. Has anyone used this method and how easy is the installation of the goose neck?

Thanks for anyone who can help me here.

Simon, AA9PW

Medical College of Wisconsin, Milwaukee.

==========
Upgrading?? Check out my Amateur Radio Exam Practice Page,
all five exams are covered and figures are included.
http://www.biochem.mcw.edu/Postdocs/Simon/radio/exam.html
==========

2709. Re: TS440S shut down problem on some bands

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: Al Konschak <wi3z@voicenet.com>
Message-ID: <4gjdpu$3d3@news.voicenet.com>
Source record: 205291

"C. J. Hawley" <c-hawley@uiuc.edu> wrote:
>David Stockton wrote:
>>
>> PJ DUGGAN (pj_duggan@nt.com) wrote:
>> : Hi Guys,
>>
>> : I am having a problem with my TS440S HF Rig. It shuts down between 14.5MHz
>> : and 22MHz. Get no audio from speaker and 7 dots on the display. Fault
>> : sometimes occurs between 22MHz and 30MHz. But this seems to correct itself
>> : after 15 minutes of power on. Fault is present for both transmit and
>> : receive. Relays on the ATU board and filter board seem to function O.K. for
>> : the different bands including the problem ones mentioned above.
>>
>> : Does any one have any ideas on the above?? or has anyone experienced
>> : similiar problems with Kenwoods TS440s??
>> : Does a workshop manual exist other than the owners handbook? If so where
>> : can I get one??
>>
>> Most likely cause is bad adjustment of the VCOs on the output loop of
>> the synthesiser. Most rigs split the 30 MHz osc tuning range into 3 or 4
>> oscillators. There isn't much tuning voltage swing and adjustment is a
>> bit critical. Drifts as the radio ages and some freqs hit the tuning
>> endstops of the VCO, loop unlocks an TX shutdown activated plus other
>> warnings like your display.
>>
>> There is a proper service manual with fault finding trees and circuit
>> descriptions available via Kenwood agents.
>>
>> If this is it, it's pretty easy to fix, no parts needed, just a
>> voltmeter and a twiddler tool. Bog standard fault on just about all synth
>> HF rigs.
>>
>> Cheers
>> David GM4ZNX
>
>Before you adjust anything, scrape the gooey wax off of the components in the PLL
>section. I think that is where the wax is that a friend who had the exact same
>problem removed and fixed his 440.
>
>Chuck, KE9UW
>

This is a problem with early models of the 440. There is 3 service
bulletins on the Kenwood BBS that address this problem with a fix.

The fix involves removing the VCOs and cleaning them of all the goo on the bottom and replacing the goo with hot glue. Could also be caused by leaky diodes in the VCO circuit. The fix when sent back to Kenwood runs about $150. Have them replace the lithium battery when they have it open.

Good luck
Al WI3Z

2710. Re: Tube INfo Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: lex <lex@execpc.com>
Message-ID: <4gjg4f$4jd@daily-planet.execpc.com>
Source record: 205292

Charlie, sounds like a bad 12by7 or maybe you should check the large vertical plate choke located near the final tubes. This is the round vertical component that has wire wound on it and feeds the wires going to the top of the 6146's. If this has burn marks on it or is questionable--replace. Yaesu still sells them for a bout $9.00 each. Feel free to cal me at work if I can be any help. Neil @ Radio Recyclers--414.771.7121 Good luck!

2711. RFI to Heart-Pacer like unit AICD

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: daniel@pandora.lugs.po.my
Message-ID: <4gk1oi$65r@lantana.singnet.com.sg>
Source record: 205293
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Hi,

I am wondering if anyone can help me. A HAM friend of mine recently had one of the following implanted to help control his heart rate. This is not actually a pacer unit but should be similar. Along with the AICD unit was a warning to avoid close proximity with HAM radio equipment. Does anyone have any experience with one of these things and could give me some feedback to confirm or allay any fears my friend might have? Thanks.

Automatic Implantable Cardiovester Defibrillator
Made by Meditronics
Newer (1-lead) model

73 de 9V1ZV Daniel

Daniel Wee | daniel@pandora.lugs.org.sg
9V1ZV | daniel.wee@f516.n600.z6.fidonet.org

2712. Re: rec.radio.swap

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: bob fritz <bobfritz@cts.com>
Message-ID: <4gjcal$mde@news2.cts.com>
Source record: 205294

jmpko4my@ix.netcom.com(John Michael Pendergraft) wrote:
>
> Has anyone else noticed that "rec.radio.swap" has been empty lately. I
> have not been able to see any ads in this group and am wondering if it
> is just my feed or what.
> Thanks, john
>

Try rec.radio.amateur.swap. It seems to update by the minute.

2713. Re: rec.radio.swap

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: bob fritz <bobfritz@cts.com>
Message-ID: <4gjcb1$meb@news2.cts.com>
Source record: 205295

jmpko4my@ix.netcom.com(John Michael Pendergraft) wrote:
>
> Has anyone else noticed that "rec.radio.swap" has been empty lately. I
> have not been able to see any ads in this group and am wondering if it
> is just my feed or what.
> Thanks, john
>

Try rec.radio.amateur.swap. It seems to update by the minute.

2714. Data Base (was: BEWARE OF DEALING WITH DERRICK HALL, SEATTLE)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: n4jvp@ix.netcom.com
Message-ID: <312dc68a.3278037@ixnews3.ix.netcom.com>
Source record: 205296
Cross-posted to:
rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,alt.radio.scanner

On Thu, 22 Feb 1996 18:10:02, asi@escape.ca wrote:

>
>Why does someone not start a Web Page with names and other information on
>people who have ripped others off Via The Internet. A nice Database that
>posts the names of both people involved and both of thier EMAIL id's.
>
>Then we could check to see who possibly not to deal with??
>
>Peace from Canada.
>

An interesting idea but legal liabilities probably will prevent
such a database. One major problem would be determining the actual
events based upon the involved parties statements. The potential for
libel suits is scary....

2715. Re: KAM & TS850 voice problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: macino@mail.fwi.com
Message-ID: <4gj9rm$l91@news.ios.com>
Source record: 205297

In <5473@ea4rct.clubs.etsit.upm.es>, ea4abb@ea4rct.CLubs.etsit.upm.ES (Roberto Munoz Dominguez) writes:
>Hello dear hams.
>
>I have a big problem since I bought a Kantronics All Mode.
>When the HF port of my KAM is connected to ACC2 of my Kenwood TS-850 I
>try to talk on HF on USB or LSB mode with the transceiver and my output
>voice is not clear !!! I must disconnect the KAM from the TS-850 and the
>output voice is clear...
>
>Do you know any modifications for KAM or TS-850 to clear this problem ??
>
> Many thanks, hope have info.
>
>-- Roberto
>
>ea4abb@ea4rct.clubs.etsit.upm.es

Roberto,
I had the exact same problem. It turned out to be a defective wiring job in the VHF DB-9 connector. The audio input (2 wire subminiature phone plug) wires were incorrectly soldered in the DB-9. This seem like it should have absolutely no affect on the 'HF' side but it did. The bug drove me crazy for a couple of months. It also cost me a couple of output IC's on my ICOM VHF rig. Check out those connectors.
WD9AHF - Jim

2716. Re: BEWARE OF DEALING WITH DERRICK HALL, SEATTLE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: gary <design@thereporter.com>
Message-ID: <4glde4$bef@miwok.nbn.com>
Source record: 205298
Cross-posted to:
rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,alt.radio.scanner

ssampson@telepath.com (Steve Sampson) wrote:
>> Whine, Whine...
>
>Your first mistake was buying a PK-232! Sheesh, that's like buying a PK-64
>today. Spend a few bucks and get a KAM+... Or better yet, get off of HF and
>get a good 56k system...
>
AHHHH, *ANOTHER* CB'er/ham wannabe heard from! I especially like the
resident internet response, "Whine, Whine", it speaks VOLUMES about the
mentality of the poster.
I, for one, appreciate the reports from sour deals found here, I am here
because I am interested in possibly buying or selling stuff myself. If
those who have had bad dealings with certain individuals can't pass along
their experiences HERE, *WHERE CAN THEY?*. Chance of misrepresentation?
Sure, there always is, but for my own protection, I would prefer to be
occassionally misinformed, and maybe miss out on a deal, than for lack of
foreknowledge, make another "contribution" to a known rip-off artist.

Gary, KJ6Q... *** I AM THE NRA! ***

"ONLY IN AMERICA: Veterans in shacks... a draft dodger in the White
House!"

"I love my country... it's my government that disgusts me."

2717. Re: Anyone use a YEASU 727R..Jeff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: little@pecan.enet.dec.com
Message-ID: <4gkrt7$l3t@usenet.pa.dec.com>
Source record: 205299

In article <4gap9d$s66@mark.ucdavis.edu>
szhall@bullwinkle.ucdavis.edu (Jeff Hall) wrote:

> I would like help on how to put in the PL in my YEASU 727R...Please
> let me know how to do it step by step...I got the radio used...Thanks...Jeff

First make sure you *have* the tone option. It was not standard
on the FT-727R. You need to remove the battery and then the battery
slide mount on the bottom of the radio. If you see a 3/4" by 3/4" IC mounted
on a 1" by 1 1/2" PC board, you have the PL option. The little pot on the
board is the PL level adjust. Reassemble everything.

To set the PL tone, you need to hold the function key (right side of radio, press
hard as the contacts may not be really clean, cleaning them wouldn't
be a bad idea) and press the 6 key on the DTMF pad (labled T SET above
the key.) If the display changes to 146. , then you didn't get the function
key pressed sufficiently hard or the contacts are really dirty. Otherwise
the current PL tone should appear on the display along with a little
TONE indicator in the upper right hand corner of the display. To change
the tone, simply press the up or down arrow buttons until the tone
you want is displayed. Finally hold the function key again and press the
6 button. That saves the new PL tone value.

Now you still need to turn on PL if it isn't already. When you transmit and
the PL encode is enabled, the display will show TONE in the upper right
hand corner. To toggle PL encoding, hold the function key and press the
8 key (T ENC) on the DTMF pad. When using PL decode for receive,
TONE will show up in upper right during receive. To toggle PL decode, hold
the function key and press the 5 key (T DEC) on the DTMF pad.

If you were asking how to install the FTS-6 Tone Squelch Unit, again
remove the battery pack and the battery slide mount from the bottom
of the radio. Locate the 1/8 watt 27 k ohm resistor that is inserted in one side
of the socket. Remove the resistor. Align the pins of the FTS-6 with the
socket (can only go one way because the sides have different number
of pins) and press the FTS-6 into place. Adjust the tone deviation if
necessary by adjusting the potentiometer that is on the FTS-6 board.
Then reattach the battery slide plate and reconnect the battery and
follow the instructions above for setting tone and enabling/disabling
encode and decode.

73,
Todd
N9MWB

2718. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: dstock@hpqmdla.sqf.hp.com
Message-ID: <Dn84CA.4Co@hpqmoea.sqf.hp.com>
Source record: 205300
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

Ian White, G3SEK (G3SEK@ifwtech.demon.co.uk) wrote:

: Zen Buddhist master says: You can never adjust your antenna tuner the
: same even once!

Hey! you *can* calculate the capacitance of a capacitor with only one plate! a true Zen antenna tuner is a possibility. In a world where anything different sells....

(You've not heard rumours of a certain "Global Domination" class ATU from 'ROO, have you?)

Cheers
David

2719. FREE TOWER! (L.A.) Moving/U Take Down

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: frankb@netcom.com
Message-ID: <4gkug7$4ln@kaiwan.kaiwan.com>
Source record: 205301

FREE 60' TOWER... In Marina Del Rey (L.A.)

Less than 2 years old. I'm moving and can't take it with me. I have two weeks before the move.

Self-supporting TELEX, nice shape. You take it down. I keep the antenna.

Frank KD6KEK
(310) 823-0706

2720. FREE TOWER! (L.A.) Moving/U Take Down

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: frankb@netcom.com
Message-ID: <4gkre8$j9@kaiwan.kaiwan.com>
Source record: 205302

FREE 60' TOWER... In Marina Del Rey (L.A.)

Less than 2 years old. I'm moving and can't take it with me. I have two weeks before the move.

Self-supporting TELEX, nice shape. You take it down. I keep the antenna.

Frank KD6KEK
(310) 823-0706

2721. Battery charging question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: Jeff Clark <jefco@got.net>
Message-ID: <312E3FF4.3DEC@got.net>
Source record: 205303

I recently purchased a brand new Icom IC-W31A HT dual bander with one of those slim battery packs which slides into the back of the unit. There's a single external power jack on top of the unit (none on the battery) which requires that the battery be in the radio when charging.

Without spending $150 on a rapid charger, is there any way to charge the battery externally? The battery has three contacts; one each marked "+" and "-" and a center contact w/no markings. Would connecting a 70 mAh wall charger to the "+" & "-" contacts for the usual 12-14 hrs do the trick?

I checked the charging current of the stock wall charger which came with the radio. With the radio off, current is 70mA even though the rated capacity of the charger is 200 mAh. I assume this means there is some regulation going on inside the radio to limit battery damage in the case of overcharging.

Please direct responses via email as well as to the group; my Usenet server has been having intermittent problems.

Thanks & 73,
--jefco@got.net
jeff, KF6BKG, monitoring

2722. FOR SALE: YAESU FT-2311R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: curt@mnlint.com
Message-ID: <NEWTNews.825093018.390.curt@ppp07919.alterdial.uu.net>
Source record: 205304

I have a YAESU FT-2311R 1.2 GHZ 10 watt mobile radio for sale. The rig has 10 memories and full PL encode/decode. It is in like new condition with original box and manual. $450 plus shipping. For more info please contact me at: curt@mnlint.com

2723. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: kb2rmi@pop3.frontiernet.com
Message-ID: <4gkif3$ev0@cheatum.frontiernet.net>
Source record: 205305
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

Jeff DePolo WN3A <depolo@intermediainc.com> wrote:

My thoughts are that it has always been exceedingly difficult to
properly configue the ants to accept coaxial connecting devices,
and in order to do so the proper surgical equipment is very difficult
to obtain without a certificate of authority from the State Board of
Entomology, although the policy probably varies from State to State.
It is my understanding that there is a degree of inductance variance
between different factions of Army ants, the Clintonian variety being
particularly difficult to induct. The carpenter would afford the
largest hardware interface but could be detrimental to wood burning
test equipment. A solid warning is that any such tests should be done
in strict secrecy as the possibility of disruption by factions of
PETA, Greenpeace, ASPCA, Handgun Control International, and other
organizations dedicated to prevent such unscrupulous activities
exists. Measuring the loss of RF power when using an ant tuner, not to
mention the mere act of tuning an ant to begin with, would surely
disrupt the morning tofu and granola indulgences of the membership.

2724. Re: RF interference in Ford Explorer

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: tom_boza@ccm.ch.intel.com
Message-ID: <4gkoul$169v@chnews.ch.intel.com>
Source record: 205306

jackg@xetron.com (Jack Giehl) wrote:
>In article <4gb4p2$jsu@news.syspac.com>, dnorris@k7no.com says...
>>
>>I recently purchased a Ford Explorer V8 - 2WD. I get some noise in my
>>Alinco DX70T on HF. etc.
>
>
>Dean, I have a '95 Ford Explorer. I have a slight defect in the
>windshield, and thought that I would have the TSB 95-11-3 noise
>reduction modification performed at the same time the windshield
>gets replaced, in case I decide to go HF mobile at some point in the
>future. I am waiting for the TSB parts to come in, and my dealer
>said there is no charge for the TSB update.
>
>I tried a Sony 2010 on HF in the Explorer, and with the engine on
>there is plenty of noise. If interested, email me in a few weeks,
>and I will report on the noise reduction noted on the Sony 2010 after
>the TSB has been performed.
>
>Jack Giehl, WB8BFS
>

A friend of mine thinks the computers in the new vehicles
are causing all the radio interference.

2725. WTB: Scanner

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: tsavor@sun14.vlsi.uwaterloo.ca
Message-ID: <Dn8Kt1.CHH@novice.uwaterloo.ca>
Source record: 205307

Does anyone have a RS PRO-2006 desktop scanner for sale? Please respond
with asking price/location.

2726. Wanted MFJ 1278 <---> Alinco DJ-F1T cable

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: dmd@asimov.oit.umass.edu
Message-ID: <4gkqjm$1vs@asimov.oit.umass.edu>
Source record: 205308
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.swap

Wanted:

MFJ 1278 to Alinco DJ-F1T cable.

--

[Daniel Drucker / dmd@student.umass.edu / N2SXX]

2727. Re: Yeasu EDC12 car charger/power source mod file

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-23 00:00:00 UTC
From: jcupples@iphase.com
Message-ID: <jcupples-2302962240130001@va-dyn30.iphase.com>
Source record: 205309

In article <wa2iseDMxq72.7yK@netcom.com>, wa2ise@netcom.com (Robert Casey)
wrote:

> YAESU E-DC-12 Mobile Adapter /Charger is the new gadget that
> connects on the bottom of the Yaesu FT-51/11 series transceivers
> for operation of the these H-T's via the cigarette lighter socket.
>
> This slips on to the current battery in use using the bottom contacts on the
> radio. The DC operation is the most desired feature. The trickle charger
> is not (at least for me). I try to charge my Ni-Cad packs as you are
> supposed to, that is NO charges in the middle of a discharging cycle.
>
> Well if you slip the E-DC-12 on in your car (for DC operation) ,it
will also
> give the battery a charge as well. Bad for the battery. No switch is on the
> unit to disconnect the charge circuit either.
>
> So the easist and best way I found was to just open the E-DC-12 (4 screws)
> and remove the 1 wire that goes to the charge circuit. Guess you could add
> a switch here if you wanted to ?? I just removed mine as I do all of my
> recharging in the NC-50.
>
> After you take out the 4 screws , the case will sort of spring open, the +
> connection is made via a spring. Be careful not to break the - wire, it's
> quite short. All you need to do is to disconnect the "WHITE" wire.
Insulate
> it,and no more Charge circuit........I like it better this way......and can
> be reconnected later with no problem......
>
> 73 Dave N9EWO

Thanks, Dave and Robert. I just got an E-DC-12 today. I bought the
FT-51R(H), and have just the one 9.6 V battery. I had bought the AA
battery case, and plan on using mostly AA's when away from AC. I rigged a
2A 12 VDC power supply with a cigarette lighter socket, and plan to use
that when at home connected to an outdoor antenna (no base rig yet). Agree
with your thinking 100%, although the charging rate when connected to a
12V source via the E-DC-12 is probably pretty slow.

So I have another question - why are there any contacts on the back of the
FBA-14 AA battery tray? Do those pass through in any way? I may have to
buy a 4.8 V battery just so the handling of the battery in the car is
easier - the 9.6 V battery seems huge compared to the tiny radio.

I wish that Yaesu had put a DC jack somewhere on the rig, seems like every other HT has one...but otherwise it is nifty!

regards

Jerry Cupples
KC5SXA

2728. Re: HT w/ RX to 475 MHz

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: Bill Lupo <bill@nji.com>
Message-ID: <312E5FCE.91A@nji.com>
Source record: 205160

Stephen Lui wrote:
>
> I'm looking for a HT which can receive up to 475 MHz; the local police
> frequency is 474.1375. The HT's I've looked at only recieve up to 470 MHz.
> Can any of these be modified to recieve up to 475 MHz?
>
> Any suggestions for a dual-band HT in general?
>
> StephenI have an older modified Th-78 that recieves 138 to 174mgz and 400 to 500 mgz, its for sale but it has a couple of problems. Its a dual band HT 2m/440 Ht, but the VHF volume control does now work properly when the radio is in the dual band recieve mode. If you use the radio as a single bander (either vhf or uhf) it works fine and the second problem it that the sub-audible tone (PL)on Transmit does not work. On the better side the radio has 100 and alpha -numeric display , which is expandable to 250 memories. Have a 1200 mah long life battery and a 600mah battery with a 1 hour rapid charger. the radio also has ; backlit keypad , direct entry keypadbuilt in time clock w/alarm battery saver and many more features.I think there might even be a Mod for 800mgz I am asking $250 or best offer I can be reached at 201-584-6550 days or 201-770-0242 eves and weekends or E-Mail me at bill@nji.com Thanks

2729. Wanted RCA BA86 or BA6

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: kikfm@nucleus.com
Message-ID: <4go1a1$969@news.nucleus.com>
Source record: 205161

Search your storerooms,rummage your racks,ascend the attic,
pester your parents or nag your neighbor ,for I'm waiting with a hot
chequebook for one of these old limiters manufactured by RCA.
If you have any information on one,or who may have one I would pay
handsomely for one such unit.
Thanks
Ken Gold
email at kikfm@nucleus.com

2730. WTB: Yaesu FT-767 accessories

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: thomasm910@aol.com
Message-ID: <4goai8$aup@newsbf02.news.aol.com>
Source record: 205162

Looking to buy band plug-in modules and other accessories specific to this model.

Tom, AA0UU, THOMASM910@AOL.COM

Tom Miller, Mpls., MN
Amateur Radio Station AA0UU

2731. Mods for Alinco DJ-G5T handheld

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: kteb@bridge.net
Message-ID: <4go6cc$uas@news.bridge.net>
Source record: 205163

does anyone have the mods for this unit yet?

kteb@bridge.net
KF4GRV

2732. NI-MH BATTERIES | NI-MH BATTERIES

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: William Chueh <williamc@kaiwan.com>
Message-ID: <312FC8DD.7522@kaiwan.com>
Source record: 205164

To Everyone:

Good news. How many of you are using ""NI-MH""(Nickle-metahydrigt?!)? I got one recently in TRW swapmeet in L.A, clifornia. Even Periphex don't have them. Their size are so small and so big capacity. Like a PB-33 600mah ni-cd is "equal" to the size of PB-33 1200mah ni-mh. And they also have less memmory. The brand is MAHA COMMUNICATIONS. They have all kind of battery and "very" heartgrabing prices. Anyone got Yaesu FT-10R/40R? they have the only 3rd party replacement battery of FNB-41 for only $39 (US!!). Give them a call at 800-376-9992.

William Chueh
williamc@kaiwan.com

2733. Yaesu FT51r Autodial speed defective?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <4gofs1$cf4@newsbf02.news.aol.com>
Source record: 205165

Wondered if anyone knows how to adjust the DTMF autodial speed on the 51r? The manual staes that you can toggle it between 2 different sending speeds, but either setting doesn't make any difference. Am I doing something wrong, or is this a fault of the rig/manual? I've also tried using the ADMS software to change it but again, no difference.
Thanks for any feedback, Mike KS4DA

2734. Re: FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: jcupples@iphase.com
Message-ID: <jcupples-2402962010470001@va-dyn29.iphase.com>
Source record: 205166

In article <4g7ba0$o33@felix.teclink.net>, Thomas Martin
<tmartin@teclink.net> wrote:

> I just bought a FT-51R at a local hamfest and really like it. I
> need a speaker mike for it though. I tried an MFJ mini speaker
> mike and the led on the mike doesn't work correctly. Stays dim
> all the time instead of glowing when transmitting. It seems to
> work OK but is extremely hot. Does anyone know if this will
> hurt my HT or if there is a good aftermarket Mic for this rig?
> Yaesu is very proud of their mic and the hamfest has about
> cleaned me out for a little while.

I bought a Yaesu MH12-AB, very simple speaker mike. It was recommended as
having slightly better audio than some other Yaesu alternatives. I saw one
today at Radio Shack, catalog # 19-310 which has a plug to pit the Yaesu
rigs, and it was only $20. You might try it if you want something
inexpensive.

Don't know about how the mike may affect the radio, but make sure the
impedance is similar. The manual discusses this.

I was told that I "sounded much better" with the new remote mike, but then
I put up an external antenna the same day.

good luck

Jerry Cupples
KC5SXA

2735. Wanted: Info on Alinco 110

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: sdulaney@server.iadfw.net
Message-ID: <sdulaney-2402962031470001@dal17-14.ppp.iadfw.net>
Source record: 205167

My father just purchased an Alinco 110 along with some other equipment.
Does anyone have any information on it that they could share. Please
e-mail me at

sdulaney@airmail.net

Thanks

2736. Big Linear Amp for Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: NS6F@gnn.com
Message-ID: <4gol6b$a0a@news-e2b.gnn.com>
Source record: 205168

Creative Electronics CE-2500 3CX3000 final with full QSK
240VAC/40A 3 Panel Meters Bird in-line pickup with ext meter.
You pickup/ship $3500. E-mail to NS6F@aol.com

2737. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: n7ws@azstarnet.com
Message-ID: <n7ws.67.027E24F8@azstarnet.com>
Source record: 205169
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In article <4goe25$e0n@miwok.nbn.com> Gary Davidson <reporter@sparc1.castles.com> writes:
>From: Gary Davidson <reporter@sparc1.castles.com>
>Subject: Re: How much RF pwr does an ant tuner consume?
>Date: 25 Feb 1996 01:29:41 GMT

>With all the fuss over technical aspects of power loss thru an antenna
>tuner (FEEDLINE TUNER!), couldn't we just sidestep all the BS by just
>stating that a well designed tuner, operating properly, will consume
>*NEGLIGIBLE* power. so little as to be difficult to measure, and
>IMPOSSIBLE to detect at the receiving end?

>SEE, that wasn't hard...

We could say that but it wouldn't be true. We just can't wish away this issue.
If you want to ignore it, have at it.

Wes -- N7WS

2738. Re: Wanted: Manuals & Mods for JRC NRD-525

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: you@somehost
Message-ID: <you-2402962340290001@monroe-25.dialup.frontiercomm.net>
Source record: 205170
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.equipment,rec.radio.swap

In article <4gkg4s$74p@news.ios.com>, Hank <kb2rkx@soho.ios.com> wrote:

> Hi there!
>
> I would like to get a copy of both the operaters manual and the
service manual as well as any
> known mods for a Japan Radio Co NRD-525. Thanks Hank kb2rkx@soho.ios.com

Try Gilfer Shortwave at 1-800-Gilfer-1 they are an authorized JRC sales
and service and can supply what you need.They also have the full line of
TRS software for that radio as well.

2739. Looking for YAESU FTV-707 dual module transverter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: gerwitz@gn2.getnet.com
Message-ID: <4gnfhb$nge@news.getnet.com>
Source record: 205171

Anyone got the dual module FTV-707 transverter laying around taking up space and being under-utilized? I would really like to find one as I have a special need for it.

Reply to:
gerwitz@gn2.getnet.com

OR:

p06288@email.mot.com

Thanks

Jim

2740. Please, recommendations for 220mhz HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: vanlamb@primenet.com
Message-ID: <vanlamb-2402962155570001@ip192.prc.primenet.com>
Source record: 205172

Just wondering if there's anyone out there who would help me with their experiences with 220mhz HT's. I'll be buying one within the next couple of weeks. I would like to know the good and the bad.

Thank you!

73's
Jason, KE6HXA

2741. Re: TS440S shut down problem on some bands

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: randy@pulsar2.rdrc.rpi.edu
Message-ID: <4go834$70c@usenet.rpi.edu>
Source record: 205173

Definitely clean out the goo in the PLLs, they're the things in the little metal square cans on one of the boards. You'll need a scraper, xacto knife, and dental picks. SCREW the HOT GLUE! Dumb idea, since you cannot get all of the old goo out, and the residual will eventually cause more problems. The stuff they used is like "Pliobond" a Goodyear "rubber cement." It eventually hardens, and then becomes rather conductive, loading down the PLL, which will drop in and out depending upon time of day, temperature and the moon.

The ONLY way to really fix it is to carefully desolder each and every component in the PLL circuit area and scrape the crap off them and the board.

I'd like to strangle the Flaming JERK who designed this with this awful "potting compound." What a fool. I've been into my 44o at least 6 times to clean them out, since it's really a pain in the butt to remove the entire board and go through the desoldering of about 250 components.

Unless you're going mobile, skip the HOT GLUE. A) it's a lousy thermal conductor, B) it doesn't like heat and C) try to get that out later! As a mechanical damping and stabilizing compound for the PLL, I guess it will do, but if the unit sits on your desk, who cares??

_-_randy_-_ WB2GCR

randy@rdrc.rpi.edu

2742. Please, recommendations f

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: roland.stiner@hobbs.com
Message-ID: <8BB6387.0027003069.uuout@hobbs.com>
Source record: 205174

To: vanlamb@primenet.com
Subject: Please, recommendations for 220mhz HT

V>Just wondering if there's anyone out there who would help me with their
>experiences with 220mhz HT's. I'll be buying one within the next couple
>of weeks. I would like to know the good and the bad.

The oldest is still the best: ICOM IC-03AT. Should be still available
nationwide.

OLX 1.53 --------------> 73, de NK2U <----------------

* Origin: CyberNet BBS Lyndhurst, NJ (1:2604/151)

.....ooooo0OOOOo http://www.intac.com/~cono
__,-----. ---+_________#_ The Roy Hobbs BBS sysop@hobbs.com
|________| |__|___________} Node 1: 201-641-7307
ooooo oo ~ ooO-O-O-O == oo\ Node 2: 201-641-3126

2743. Re: rec.radio.swap

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: dnorris@k7no.com
Message-ID: <4glhte$m7h@news.syspac.com>
Source record: 205228

jmpko4my@ix.netcom.com(John Michael Pendergraft) wrote:

>Has anyone else noticed that "rec.radio.swap" has been empty lately. I
>have not been able to see any ads in this group and am wondering if it
>is just my feed or what.
>Thanks, john

I just picked up 32 postings. Average about 100/da?

cdn

C. Dean Norris, Esq.
Amateur Radio Station K7NO
e-mail to dnorris@k7no.com

2744. Re: How Much does it Cost????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: nitz@access.digex.net
Message-ID: <4glpr9$df9@news4.digex.net>
Source record: 205229

Pedro:

Welcome to this new group. You share a common fascination regarding radio that most of us in this new group also share.

You can actually get started very nicely in this hobby for $400.00! That will buy you an old HF rig like the Yaesu ft-101, Kenwood TS-520, etc. You'll have plenty of power to talk around the world and enough change from your purchase to buy a $50.00 (or build) multi-band dipole antenna such as a G5RV. I'm using a G5RV as my only antenna and it works on all HF bands between 10 and 80 meters.

Even a new "state of the art" first radio can be purchased for approximately $1,000 U.S. dollars. They are quite a value compared to the radios produced 20 years ago.

I'm not sure how good the old radios are in the digital modes; I'll let someone more experience than I answer that particular question.

Pedro, best regards and good luck.

[Jim Nitzberg WX3B]

In article <4gfv36$kr9@ci.ist.utl.pt>, Samp@cfn.ist.utl.pt says...
>
>HI
>I am quite new at this group, but radio communications allways was a
subject
>very interesting to me.
>I would like to know, to begin with, the price of some general purpose
>transceivers (radio emitter/receiver), might be material not very "high
Tech".
>For example the radio's might have analog "tunning", insted of encoder's
>frequency swichting or keyboard frequency operation.
>Also they might be "analog inside", nothing like digital frequency
tunning and
> channel programmed frequency set-up.
>Another interesting feature would be to connect the radio to the PC, in
order
>to establish a modem trought RF!!!
>Please, do not became very technical in your answer.
>I know some electronics, but mainly from data-acquisition and computer
>interface acquisition boards.
>I also work with some VME modules.
>Thanks in advance for your help.
>Best regards.

>Pedro Coelho
>
>/Pedro Miguel Sampaio de Athayde Coelho
>/Centro de Fus&#65533;o Nuclear - IST
>/Association EURATOM/IST
>/Av. Rovisco Pais
>/1096 Lisboa Codex
>/Tel: 351 -1-841 91 04
>/Fax: 351- 1-841 78 19
>/E-Mail: samp@cfn.ist.utl.pt
>/
>/ "... Hyeap... Pth, Pth, Pth,
>/ whats up doc..."
>/ Bugs B.
>/---------------------------------------
>Note: The above comments and opinions are
>personal and may not express CFN positions.

2745. mounting faceplate in car

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: davek@yoda.psu.edu
Message-ID: <davek.373.312E6FB2@yoda.psu.edu>
Source record: 205230

Someone recently asked for suggestions on how to mount a detachable radio faceplate in a subcompact car. Here's how I did it:

Buy a replacement ash tray that matches the one already in your car, and drill holes for the mounting bracket in the face of either ash tray. With the faceplate mounted on the ash tray, it won't block other dashboard controls. Also, you can take the faceplate/ash tray assembly out of the dashboard and hide it under a seat whenever you leave your car unattended for a long period of time. If you ever sell the car, remove the faceplate/ash tray assembly and replace it with your spare, unblemished ash tray. Make sure you get the spare ash tray soon while they're still in stock!

Hope you can use this suggestion.

73,
Dave NB4J

==========
Dave Kelley Ph.D. Candidate
Electrical Engineering Dept.
email: davek@yoda.psu.edu Pennsylvania State University

2746. TRADE: 286 MB w/1MB, 42MB, 1.2 needs cabinet

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: robert fowle <hammarlund@vixa.voyager.net>
Message-ID: <4glrck$il1@vixc.voyager.net>
Source record: 205231

if interested, will consider trades on anything of interest.
vhf, hf, what have you. it does have power supply. but as i said, it needs a new cabinet.
i also have sound card, sound blaster pro, with all doc's and drivers.

Robert Fowle
e-mail: Hammarlund@vixa.voyager.net

2747. Want Z match tuner

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: turner@safety.ICS.UCI.EDU
Message-ID: <2997.825127152@safety.ics.uci.edu>
Source record: 205232
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

Anyone see many of these? I have found the Harvey-Wells Z match and love it. I understand that there was another commercial Z match sold to amateurs a while back. Anyone know? Anyone have one available?

Clark
WA3JPG

2748. Re: 89 Ford Bronco static problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: eugene@loop.com
Message-ID: <4gm1vb$csg@dobie.loop.com>
Source record: 205233

> scicon@ix.netcom.com(Dan Walker) writes:
> I have a strange interference problem in my Bronco.
>
> There is always a certain amount of static in the receiver, but it's
> not unbearable unless I turn the steering wheel to the left! When the
> wheel is moved to the left the static completely drowns out the
> receiver.
>
> When I had my oil changed, the mechanic replaced the PCV valve. Now I
> get no static at all UNLESS the wheel is turned to the left.
>
> Anyone have a similar problem?
>
>
> de KE6LBX
>
>>>>
Yes I had a similar problem and it turned out to be a low oil sensor in the oil pan. I just unpluged it, I know how to use the dip
stick anyway.

de WB6HRO Joe Orrico

2749. Re: Motorola 9600 Mods Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: martvin@ionet.net
Message-ID: <4gm3dv$q2g@ionews.ionet.net>
Source record: 205234

In article <199602181434.JAA20243@ns.interserf.net>, bsager@interserf.net says...
>
>Hello,
>
>We are having great difficulty finding a source containing the mods
>for various Motorola radios to make them 9600 baud packet capable, if
>possible, otherwise 1200 baud.. I am sure the problem is that I am searching
>in the wrong spots.
>
>We have access to some Radius, Maxtrac, Micor, (Motrac vhf base), Mitrek
>mobile units.. There are some UHF and some VHF units and all are ready
>for hamband operation. We are trying to build a backbone network for the
>statewide VA Digital Emergency Network (VDEN). All of the units are working
>but we need to interface the tnc's to them correctly. Does anyone know
>where I can find these Motorola mods or a good source of such information??
>
>I can supply model numbers if needed. The older Motrac vhf pager base is
>model B93MPY-1100BT-SP11 with a CC3064 xmitter and may be too old for
>anything other than 1200 baud.
>
>Any thoughts, suggestions will be appreciated!
>
>Unfortunately, most motorola equipment is PM as opposed to FM....This means that for 9600 baud use, you will have to modify the radio. Specifically, you will need to "break in" to the channel elements (where the actual oscilator is) and inject audio directly into the varactor diode to achieve true frequency modulation. The reciever signal can be obtained directly from the discriminator. Some of the later radios, (i.e. the maxtrac) may not be usable for 9600 baud. I am not sure whether they can be "fm'ed" or not.

By the way, the pager base station you listed is 1/4 KW or higher (Probably 330 watt). In most areas, 9600 baud is restricted 220 Mhz. and above.....for 1200 baud operation, just connect the afsk audio from the tnc to the transmitter's mic input and the speaker audio out (with a little padding) to the tnc's audio input. Have fun. KN6UG

2750. Re: Micor 220 Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: martvin@ionet.net
Message-ID: <4gm3hf$q2g@ionews.ionet.net>
Source record: 205235

In article <dsearle.8.008011B8@dsearle.ultranet.com>,
dsearle@dsearle.ultranet.com says...
>
>Looking for information on moving a Micor to the 220 Mhz band.
>Can anyone help? Thanks
>
>Dick K1VWJ

Been there, done that....224.100 Mhz. repeater, N5VYC in Okla. City, OK.

2751. Re: Motorola 9600 Mods Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: ecgallup@mlode.com
Message-ID: <4gm556$d1l@news.wco.com>
Source record: 205236

In article <4gm3dv$q2g@ionews.ionet.net>,
martvin@ionet.net (Martin T. Vinson) wrote:
>In article <199602181434.JAA20243@ns.interserf.net>, bsager@interserf.net
>says...
>>
>>Hello,
>>
>>We are having great difficulty finding a source containing the mods
>>for various Motorola radios to make them 9600 baud packet capable,...

>>We have access to some Radius, Maxtrac, Micor, (Motrac vhf base), Mitrek
>>mobile units...

>Unfortunately, most motorola equipment is PM as opposed to FM....This
>means that for 9600 baud use, you will have to modify the radio.

TRUE.

>Specifically, you will need to "break in" to the channel elements
>(where the actual oscilator is) and inject audio directly into the
>varactor diode to achieve true frequency modulation. The reciever signal
>can be obtained directly from the discriminator. Some of the later
>radios, (i.e. the maxtrac) may not be usable for 9600 baud. I am not
>sure whether they can be "fm'ed" or not.

We have modified several Mitrek radios for 9600 baud use. TX audio was
wired directly to the channel element socket, but we did not have to get
"inside" the channel element. I suspect the same would be true for the Micor.
Maxtrac and Radius are synthesized radios. There is no "channel element".
I do plan on researching putting these radios onto 9600 baud sometime maybe
this year. I have copy of the mods for the Mitrek, (supplied by other hams)
at work. Hopefully I can get these copied next week and send to you. Call me
back if you don't hear from me in time. If anyone else is interested, perhaps
I can retype these sheets and post to this group.

Ed WB6SAT
ecgallup@mlode.com

2752. WTB : BL-40 Broadcast Limiter by URIE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: "Michael D. Clute" <mclute@nashville.net>
Message-ID: <312EC6A3.2E04@nashville.net>
Source record: 205237

Looking for BL-40 Broadcast Limiter by Urie. Please Email me at mclute@nashville.net or call 615-329-0555 thanks.

2753. Re: Anyone use a YEASU 727R..Jeff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: wd6dih@ix.netcom.com
Message-ID: <4gmfjv$38t@reader2.ix.netcom.com>
Source record: 205238

In <4gap9d$s66@mark.ucdavis.edu> szhall@bullwinkle.ucdavis.edu (Jeff Hall) writes:
>
> I would like help on how to put in the PL in my YEASU 727R...Please

>let me know how to do it step by step...I got the radio used...Thanks...Jeff

Hi Jeff,

Here is what you need to do to install the PL board into an FT-727R HT.....

- Remove the battery
- Remove the 4 screws on the bottom of the radio
- Lift off the black bottom of radio battery cover plate
- Place and press in the FTS-6 tone board
- Reassemble the radio.

- All Done !!

Good Luck and 73's

Kevin, WD6DIH

2754. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb24.092314.22293@ke4zv.atl.ga.us>
Source record: 205239
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In article <4gfk3h$ktd@nntp.netside.com> k4kxo@netside.com (Kenneth Ferguson) writes:
>Theoretically, an antenna tuner does not dissipate power, de k4kxo.

Snicker. And theoretically a bumble bee can't fly. When reality doesn't
match your theory, your theory is wrong (or at best is being misapplied).
No tuner has infinite unloaded Q, so all tuners dissipate power. The
question of interest is "how much?"

Gary

--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2755. Swap: Icom IC-2700H for HF

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: Bootlegger@msn.com
Message-ID: <00001fed+00002f2d@msn.com>
Source record: 205240

Swap:

I have a mint Icom IC2700H dual band mobile that I would swap for an HF rig. I'm looking for a TS-50 or Icom IC-706. I would put up some cash to work out a trade. Contact Bob N9MSS at (618)939-7581 or Bootlegger@msn.com if you have something to trade.

73 de N9MSS Bob

2756. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb24.105430.22651@ke4zv.atl.ga.us>
Source record: 205241
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In article <4gj6ba$f95@maureen.teleport.com> w7el@teleport.com (Roy Lewallen) writes:
>Gary's right -- I shouldn't have dismissed the directional wattmeter out of
>hand.
>
>Using the impedances I snatched from the air:
>
>2000 - j600 is an SWR of 43.6 in a 50 ohm system. This probably isn't
>an unreasonably high SWR to see with a multi-band antenna fed with
>ladder or open wire line. With 100 watts of power, the trusty Bird should
>read a forward power of 1141 watts and reverse power of 1041 watts. It
>might be possible to resolve the difference well enough to get an idea of
>the actual power being transmitted.

Yeah, that's about a 10% difference in reading. Now a Bird is only
rated for 3% of full scale accuracy, but we aren't concerned about
that here. That will cancel out when we subtract the relative readings.
In this case, depending on the slug chosen, we should be able to
resolve down to between 3% to 6% of true power out (the real limitation
being how well we can interpolate the meter scale, which we *could*
expand if we wanted to take the trouble). If the tuner has less loss
than that, we won't be able to resolve it, IE if tuner loss is less
than 0.27 db, we won't be able to see it on the Bird. I don't think
we'd care too much about that anyway.

However, the *coax* tuner that started this thread wouldn't be used
with that high a VSWR anyway. Line losses, and even the possibility
of flashover, would limit the impedances we'd try to tune with a
coax tuner to a range that produced VSWRs more on the order of 10:1
or less. For that sort of measurement, the Bird is just fine.

For a balanced tuner, we'd want to use hot wire ammeters, and a RF
voltmeter that we could move along the line, to determine power out.
The RF voltmeter would let us directly determine VSWR and give us
a direct tuner output voltage reading. Combined with the RF current
readings of the hot wire ammeters (one in each leg) we could then
determine power out by cranking the formulas.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2757. Ten Tec SCOUT -- opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: jwg6@cornell.edu
Message-ID: <jwg6-2402960716460001@cu-dialup-0701.cit.cornell.edu>
Source record: 205242

I am considering the Scout for my HF rig. Some things I've learned on the air are:

There's no RF gain control
It's analog (VFO), so temperature can affect freq. stability
No 6-meter module available

I'd appreciate comments regarding the rig and also info on the Ten Tec 6 meter transverter which I understand converts from 20 meters, not 10.

Does Scout come with a Mic?

Have owned Argonaut and Century 21 in the past; was spoiled by the full-break in and quality of manufacturing and service provided by Ten Tec. Now borrowing an Icom 730 - nice but not the same. Unfortunately I can't afford one of the new Kenwoods; have used TS440 quite a bit at club station, but my interest in QRP has me leaning toward the low-power version of the Scout. Thanks in advance and 73, N1AEP

2758. WANTED: ICOM T21A & IC-2000H mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: mlamb@sunny.ncmc.cc.mi.us
Message-ID: <4gn43p$iiv@srvr1.engin.umich.edu>
Source record: 205243

Please email to mlamb@sunny.ncmc.cc.mi.us

73, KB8VBA

2759. Wanted: Manual for TH75A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: davidj@nauticom.net
Message-ID: <312f1690.326367178@198.190.226.3>
Source record: 205244

Wanted:

I need a copy of the manual that came with the Kenwood TH-75A
handheld. I lost mine. Will pay for copying and shipping.

THanks,

Dave KN3ZAN

2760. Re: Tube INfo Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: charles@dorsai.org
Message-ID: <4gn9h4$5ak@amanda.dorsai.org>
Source record: 205245

well, nothing like a new set of finals to make a radio feel better...
thanks to all for all the help.....

charles (charles@dorsai.org) wrote:
: Hello all
: Here is the question...
: Suddenly, my yaesu ft 101zd stopped putting out power....
: maximum poser out now is about 5 watts
: Is it possible that the 6146b tube or tubes could be bad?
: would there still be a small amount of power out?
: Could it be the 12by7a driver tube? and again, would there still
: be a small amount of power out?

: visually (which I know isn't much) they glow.

: Taking it apart, I found NO scorch marks or burn marks anywhere.

: Reply via e-mail if you can and thanks for your input

: charles

2761. Equivalent to 40673 device?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: Al Bolton <Al@boltons.demon.co.uk>
Message-ID: <825175571snz@boltons.demon.co.uk>
Source record: 205246

Hi,

I need to replace a 40673 semiconductor device in a 50MHz converter.

Does anyone know of a modern equivalent to this now-unobtainable device?

Many thanks,

Al Bolton
OK8VSQ
OM/G4VSQ
Caversham, UK

2762. WTB ICOM CW FILTER

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: flanders@znet.groupz.net
Message-ID: <4gn7u7$76o@news1.sunbelt.net>
Source record: 205247
Cross-posted to: rec.radio.amateur.equipment,rec.ham-radio.swap,rec.radio.amateur.misc,rec.radio.amateur.swap,rec.radio.swap

I want to buy a CW filter for my ICOM Ham Radio.

I need the FL52A (500Hz BW) for the 455KHz IF.

These fit several of the ICOM radios.

How much?

Jerry W4UKU flanders@groupz.net

2763. Kantronics new WWW site - product info, hints

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: medcalf@idir.net
Message-ID: <4gnb04$bek@sequoia.idir.net>
Source record: 205248
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc

Kantronics now has a WWW site with spec sheets on their products, hints on operating, some articles of interest, etc.

It also provides mailto links for service related problems.

http://www.kantronics.com/

--
73, Karl Internet: medcalf@idir.net
Packet: WK5M @ WK5M.#NEKS.KS.USA.NOAM
***** The views and opinions expressed here are mine and do not *****
***** necessarily reflect those of my employer! *****

2764. mod for ft1000mp needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: shelj@holli.com
Message-ID: <DnAFAK.Grq@iquest.net>
Source record: 205249
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

need mod for yeasu ft1000mp can anyone help???
thanks jeff e-mail=shelj@holli.com

2765. Re: Cheap, portable HF receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: crl@bs.camba.com
Message-ID: <4gnv6c$9vq@news.voicenet.com>
Source record: 205250
Cross-posted to: rec.radio.amateur.equipment,rec.radio.shortwave

```
Ken Harris (kenh@netcom.com) wrote:
: I'm looking for an inexpensive HF receiver. Perhaps this is in
: a FAQ or web page.

: I'd like to have SSB (and morse?) and external antenna. I'd like to
: use it to receive weather fax and SITOR transmisions, as well as
: voice.

: Could I get some opinions on what to get?

: I've seen these:

: Grundig Yacht Boy 400, $250
: Sony ICF-SW100, $300
: Sony ICF-SW7600G, $200
: Radio shack DX-390, $220
: Sangean 803A, $200
: Panasonic RF-B45, $200
: Panasonic RF-B65, $269

:
My advice is Sony 7600G. I am quite pleased with it and its SSB
performance is good too. To improve sensitivity you need a piece of wire
as antenna.-
_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/
_/ Cass Lewart _/ crl@bs.camba.com _/ Voice/Fax (908) 264-9541 _/
_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/
```

2766. Info about Wilson Repeaters?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: btenison@dibbs.net
Message-ID: <4gnih8$p6u@axe.netdoor.com>
Source record: 205251

Hi All! Our club has been donated a Wilson 450 MHz repeater, and would like to put it up in the area and hopefully spur on some more 440 activity here. Anyway, the repeater is finally functional, but we need to get some information on the repeater transmitter and receiver section (would like to have a manual, but we need the transmitter and receiver info.)
Anyone had any experience with these repeaters or could point us in the direction of a manual. The model number on the panel says:
FCC DATA: CITI-COM WU-451RA and the RF Amplifier says:
FCC DATA: ARU-45A

Thanks and 73
Bruce

--
==========
| Bruce Tenison |
|Internet: btenison@dibbs.net or maf00267@ns1.maf.mobile.al.us|
| ax.25: ke4njb@w4iax.#mobal.al.us |
| or ke4njb@ke4njb.ampr.org |
| or btenison@ke4njb.ampr.org |
==========

2767. Re: Trio-Kenwood 599 Line

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: dbrown@gate.net
Message-ID: <4gnjpj$euq@news.gate.net>
Source record: 205252

In article <Pine.SUN.3.91.960221132319.16876D-100000@light.lightlink.com>,
siram@light.lightlink.com says...
>
>Just curious, if someone out there still runs it :)

I still have the T-599 and R-599a, but have only fired up the receiver
recently. I was very pleased with their operation, though, and the only
reasons I replaced them with another rig was to get on the new (at that time)
ham bands, and to have a little easier setup for cw operation.

2768. Re: Lithium battery usage...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: Richard Kiefer <kieferr@athena.csdco.com>
Message-ID: <312F6560.3CD6@athena.csdco.com>
Source record: 205253

byoung@qni.com wrote:
>
> To All,
>
> I wanted to run something by the group for some feedback and comments...
>
> I own a Yaesu FT-10 that I run off of the "standard" NiCd battery packs.
> Like many (most?) people, I also purchased an alkaline battery holder
> so that I would have an alternative should my NiCds fail or if I needed to
> operate in an emergency where AC was not available for recharging.
>
> Follow me for a minute...
>
> The FT-10/40 radios utilize the FNB-41, a 9.6volt NiCd battery pack, to
> produce 5 watts of output. They can also run on 12 volts supplied via
> the EDC-5B car adapter for the same 5 watts output.
>
> The FBA-15 battery holder takes four "AA" size batteries. Normally you'd
> use four alkaline batteries @ 1.5 volts each to obtain 6 volts and 2.5 watts
> output.
>
> "AA" size lithium batteries are usually 3 volts each with much higher current.
> Given that they cost *MUCH* more than alkalines, they last "forever" in
> storage, and would also provide extended service during the emergency
> we're planning for (due to greater mA rating).
>
> Would it be possible to utilize four lithium batteries @ 3 volts each in an
> FNB-15 to obtain 12 volts and 5 watts output? If it's possible, would it
> actually be beneficial from the aspect of power "per pound/per dollar"?
>
> Bill Young
> byoung@qni.com
> KB0UZQ

Bill, I tried 1.5v lithium batterys in my HT once and found that the
internal resistance was quite high and did not work very well. But these
were early Eveready prototype which may never have gone to market. In
any case do not give the radio to much voltage, you will need only half
the batteries and a jumper. Give it a try, they are much lighter too.

Dick Kiefer, K0DK

2769. question about diodes

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: kb2rmi@pop3.frontiernet.com
Message-ID: <4gnnsd$mqc@cheatum.frontiernet.net>
Source record: 205254

I have an old 12V/4A Power supply that I would like to use in the garage to power my "workbence" rig, however there are two diodes that are showing up as bad. The are marked 6A05, or so it appears as the markings are faint. This isn't anything I am familiar with right off, and I was wondering if there is another nonclemature for these? I didn't see anything in good old Radio Shack catalog but would like to replace directly if possible. I don't have any sort of cross reference. TNX, Bill

2770. FS:2m HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: edmund emich <eemich@buffnet.net>
Message-ID: <4gnqgr$a1d@buffnet2.buffnet.net>
Source record: 205255

```
ADI AT-200 2m HT
5w, 130-168 Mhz RX
TX 144-148 Mhz , Mars/CAP capable
20 mem,CTCSS,DTMF,SCAN,CSC,PAGING,CALL,ect.
Very small, only 2" at hand hold.
NEW ONLY $199.00
Call (716) 853-1931
EMAIL microtec@buffnet.net
```

2771. Icom 737-A for Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: rroberts@mcs.net
Message-ID: <NEWTNews.825212044.26589.rroberts@rroberts.mcs.com>
Source record: 205256

I have an ICOM 737-A complete with matching power supply
for sale. The radio was purchased new at the Wheaton Hamfest
two years ago. It has the automatic antenna tuner and VOX
unit already installed and has been modified for use on
MARS.

I have the manual, cords, mike and original cartons as well
as the paperwork for the MARS modification.

I am asking $900.00 for the entire system.

I will entertain other offers from "serious" buyers.

Shipping can be discussed.

Inquiries to:

Rich - KA9MAB
rroberts@mcs.com or rroberts@sigg.com

Thanks and 73.

Rich

2772. TR7 Tuning Pushbutton Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: cdorn@gpu.srv.ualberta.ca
Message-ID: <4gntcs$10b8@pulp.ucs.ualberta.ca>
Source record: 205257

Hi,
Figures as soon as I start looking for filters for the Drake TR7 something goes wrong. I was using the rig this weekend (I have only had it for about 4 months now), and tuning around, and the UP contact pushbutton that increases the tuning by 500KHz stopped working. The VFO and DOWN button still work. I could not see anything obviously wrong with the pushbutton. I don't have a service manual, and the owner's manual isn't much help. Anyone had this problem? Is it likely just the pushbutton? I can't access some of the shortwave bands without the UP command.
Thanks,
Chris VE6RDC

2773. HARVEY WELLS TBS-50C 3.5-144MHZ XMTR with 807 Tube

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9602242142.AA09146@noldor>
Source record: 205258

I went to a local ham swap meet and found an old
Harvey Wells T-50C 807 Xmtr. Does anyone have a book
on it. (Harvey Wells BandMaster Senior) TBS-50C 807 tube
When I got into ham radio 25 years ago, when I first got
my license had one.
It was one of the first Tube xmtr's to cover 3.5MHz to 144MHz
, and one of the first commercial rigs after WW2(1940's).
I guess it was akin the the new Icom 706 (HF to 2meters) now but
for nearly 50 years ago.(Tube version of IC-706, but 50 years ago.)
Right now I am using as a paper weight, I put my Icom 706 on top
of it to remind me how ham radio stuff has really progressed!
Anyway, if anyone has a book on such an item, I would like to get a
copy, maybe even try to get to work on HF-2meters, compare it to the
new Icom 706, sidse by side comparison, model T vs lexus.
thanks
73
Mike
WB6DJI

2774. Re: HT w/ RX to 475 MHz

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-24 00:00:00 UTC
From: Bill Lupo <bill@nji.com>
Message-ID: <312E5F8D.640F@nji.com>
Source record: 205259

Stephen Lui wrote:
>
> I'm looking for a HT which can receive up to 475 MHz; the local police
> frequency is 474.1375. The HT's I've looked at only recieve up to 470 MHz.
> Can any of these be modified to recieve up to 475 MHz?
>
> Any suggestions for a dual-band HT in general?
>
> StephenI have an older modified Th-78 that recieves 138 to 174mgz and 400 to 500 mgz, its for sale but it has a couple of problems. Its a dual band HT 2m/440 Ht, but the VHF volume control does now work properly when the radio is in the dual band recieve mode. If you use the radio as a single bander (either vhf or uhf) it works fine and the second problem it that the sub-audible tone (PL)on Transmit does not work. On the better side the radio has 100 and alpha -numeric display , which is expandable to 250 memories. Have a 1200 mah long life battery and a 600mah battery with a 1 hour rapid charger. the radio also has ; backlit keypad , direct entry keypadbuilt in time clock w/alarm battery saver and many more features.I think there might even be a Mod for 800mgz I am asking $250 or best offer I can be reached at 201-584-6550 days or 201-770-0242 eves and weekends or E-Mail me at bill@nji.com Thanks

2775. TEN TEC CRITIQUE REQUEST

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-25 00:00:00 UTC
From: tcnic@newnorth.net
Message-ID: <4gn564$gg2@unix.newnorth.net>
Source record: 205175

Does anyone have experience with the Ten-Tec Scout II and have complements or criticism regarding it?
Also looking for complements or criticism of the Ten-Tec Delta transceiver.

Please send email to tcnic@newnorth.net. Thanks in advance.

--Craig

2776. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-25 00:00:00 UTC
From: Gary Davidson <reporter@sparc1.castles.com>
Message-ID: <4goe25$e0n@miwok.nbn.com>
Source record: 205176
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

With all the fuss over technical aspects of power loss thru an antenna tuner (FEEDLINE TUNER!), couldn't we just sidestep all the BS by just stating that a well designed tuner, operating properly, will consume *NEGLIGIBLE* power. so little as to be difficult to measure, and IMPOSSIBLE to detect at the receiving end?

SEE, that wasn't hard...

--
Gary... KJ6Q... I am the NRA | Annoy a Liberal - say NO to gun control!
========================== | Annoy a Democrat - say BYE BYE CLINTON!
"Did you come here to *LEARN*|================================
or to nose around, make rude | "It's *EASY* to be a liberal, it's
noises & provide proof our | OTHER people's money you are giving
educational system stinks?" | away! (or living off of!)

2777. WANT ORIGINAL PRICE ON AMP SUPPLY LK500-NTC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-25 00:00:00 UTC
From: Gary Davidson <reporter@sparc1.castles.com>
Message-ID: <4goeb8$e0n@miwok.nbn.com>
Source record: 205177

I have just obtained an excellent used Amp Supply LK500-NTC amp, I believe the company is now out of business, but would like to know what this particular model sold for new. Please respond thru this group - thanks!

--
Gary... KJ6Q... I am the NRA | Annoy a Liberal - say NO to gun control!
========================== | Annoy a Democrat - say BYE BYE CLINTON!
"Did you come here to *LEARN*|==================================
or to nose around, make rude | "It's *EASY* to be a liberal, it's
noises & provide proof our | OTHER people's money you are giving
educational system stinks?" | away! (or living off of!)

2778. Re: Ford Motor Noise Problem number

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-25 00:00:00 UTC
From: Don Scippa <smokey@mail.netwalk.com>
Message-ID: <4gon6a$7kg@nw2.netwalk.com>
Source record: 205178

The TSB is 95-11-3
Part number is F1PZ18B925A
Price is $56.36
It takes about 2hrs to install, so it shoud not cost much more than $200.
for the whole job. I have not as yet gotten around to doing it but i hear
that it works wonders.

73 fer now
Don KG8KA

2779. Re: Alinco DJ-160 HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-25 00:00:00 UTC
From: wmkresl@townsquare.net
Message-ID: <4gp631$jcb@spectator.cris.com>
Source record: 205179

ericlandes@aol.com (EricLandes) wrote:

>Does anyone know anything about this HT?
>Pro or Con?

>Thank you,

>Eric

I have the radio, works OK! I prefer its small, but
not teeny-tiny size, and it has a lot of features. I have
the mating DJ-560 dual bander so I can share batteries
and acessories. It has 20 channels (+1call ch), battery
saver, APO and all the DTMF paging that most HT's have.
The radio also can be converted, by sniping one wire, to
receive AM aircraft band. I also bought a service manual
for $10 from ALINCO as well as some other reasonably
priced parts for other radios. Can't complain! 73's....

--
Wm Kresl
WB9BBC @KD9JK.WI.USA.NOAM
Delavan, WI
--

2780. 49MHZ TO 6 METER conversion

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-25 00:00:00 UTC
From: dll@chattanooga.net
Message-ID: <4goplk$pvn@news.chattanooga.net>
Source record: 205180

Hello,
I read an article in BARC FTP archives and I would like to do this mod, but I need help. The article talks about converting a 49 mhz radio shack walkie talkie to a one channel 6 meter xciever. Our city's one 6 meter repeater is on a mountain overlooking the whole city so I dont neeed any more than this. The "talkie" I have came with no paperwork (Yeah..I know...Radio Shaft at its finest). It is a TRC-509 that uses 2 crystals.
My problem is that I know nothing about crystals. Can anyone help me with figuring the;

1:Load Capacitance
2:holder style
3:calibration accuracy

for the crystals I need? Thanks for any help. (Im still learning with every project)

David Lawson
KF4EBP

2781. IC-W31A Extended RX Mod

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-25 00:00:00 UTC
From: lui@netcom.com
Message-ID: <lui-2402960040560001@arrington.dscnet.com>
Source record: 205181

The ICOM IC-W31A HT has all of the features I want except the receive range only extends to 470 MHz and I want to receive up to at least 475 MHz. Does anyone know of any modifications to extend the receive frequency? Any other mods? I looked at the mods on oak.oakland.edu, but couldn't find anything for the IC-W31A.

Stephen

2782. HAM-Shop in New York City

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-25 00:00:00 UTC
From: "101342.3250.compuserve.com" <101342.3250@CompuServe.COM>
Message-ID: <4gp8tj$2f9$1@mhade.production.compuserve.com>
Source record: 205182

In two weeks I will visit New York. Does anybody know a good and cheap ham-shop where I can get a good (wich one ?) TNC and other equipment ?

Thanks a lot !

hb9rsu

2783. INFO on UHF PMR conversions please

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-25 00:00:00 UTC
From: Graham M Masterson <graham@grahamm.demon.co.uk>
Message-ID: <0IvVeDADbDMxEwLA@grahamm.demon.co.uk>
Source record: 205183

I have two commercial PMR rigs which I would like to convert to UK
70cms.

They are a Stornophone 4000 which should only require re-programming of
a 2764 (I hope) and a Motorola GP300 which I guess I shoud be able to
reprogram via a serial port (if I am right).

I would appreciate any info anyone may have on these rigs that will
assist in the conversion.

Thanks.

==
Graham	Multitasking - The art of screwing up
G8LJC	several things at once
e-mail:	
graham@grahamm.demon.co.uk	
==

2784. Have Cool Toys Need Teacher-Playmate(Microwave gear and security junk)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-25 00:00:00 UTC
From: ando1@ix.netcom.com
Message-ID: <4gpf4o$550@cloner3.netcom.com>
Source record: 205184
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space,clair.local.georgia,rec.radio.swap

I have in my possession a bunch of microwave amps and related
gear,dishes,signal sources,wave guid,satelite stuff attenuators and the
list goes on. I know very little about this stuff but Im sure it could
be fun if someone near Atlanta could help me.Amps are Varian from
35-200 amp 8-18gig.lets play,
J.B.
FOR SALE- OR TRADE::OR FOR FUN
Varian VZX6983G5GLM 8-12.4 ghz 53db gain 200watt Xband amp (new)
$16,000.
Varian VZM6993051505 12-18ghz 53db gain 200watt KU band amp
(new)$13,000.
Varian VZX6981KADEH 8-12.4ghz 40db gain 20 watt Xband amp(1007
hrs.)$7,500.
L&R Communications low noise amp local controle & monitor
Scientific Atlanta Antenna Motor Controler Mod.# 8841A
Arbiter Systems Satelite Controled clock mod.#1026B
LAMDA LFS-44-48
Digital H7100A
Scientific Atlanta 3267260 mod.#4663R
" " Digital Processing Unit mod.#7325
" " Signal Source mod.#2180
" "Power Amp 3080 Pedestal
Datum Digital Clock
Texas Instruments XDS/22 Illuminator
12 Schlumberger Test Fixture Kit cases
Canoga Perkins fiber optics Bus Interface
Aerotech 1000 D.C. Permanent Magnet Servo Motor
560sq.ft. S.C.I.F.(secure compartemented information facility)3
rooms,all electronic filters,etc...
Frequency West mod.MO-109XB-17 serial 320 1435omhz
Midwest Microwave mod1044 Step Athenuator D.C. 8.0ghz
Dishes,300' wave guid,and alot more 404-923-5726

2785. Need Product Reviews

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-25 00:00:00 UTC
From: rlubash@poco.mv.com
Message-ID: <DnC16n.AzL@mv.mv.com>
Source record: 205185

I am looking for product reviews for publication in 73 Magazine. If
interested please contact me.

Richard Lubash
Technical Editor - 73 Amateur Radio Today
603-924-0058
fax 603-924-8613
email rlubash@poco.mv.com

2786. Re: TEN TEC CRITIQUE REQUEST

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-25 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <DnC2nt.IFt@iglou.com>
Source record: 205186

I didn't know there was a Scout 11. Is this true? Whats the difference?

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

2787. Yaesu FT-530 cloning?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-25 00:00:00 UTC
From: houlejm@ireq.ca
Message-ID: <houlejm-2502961030500001@gatos7.ireq.ca>
Source record: 205187

I am quite sure that these portables can be cloned using the earphone jack
like the FT-51R but I could not find how to put it in the clone mode.

Anybody knows?

Thanks

--
Jean-Marie VE2AEY

2788. TWIN BAND FOR SALE!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-25 00:00:00 UTC
From: chucklaker@aol.com
Message-ID: <4gq06q$rlk@newsbf02.news.aol.com>
Source record: 205188

Standard Deluxe Twin-Band.. model c228a, HT, 2 meter/220mHz, 20 memories and 3 power levels each band. Includes tranceiver, wall charger, battery pack, speaker mic, owners manual. In original box, $500.00

Contact Terry at KA7TYS or E-mail Chucklaker@ AOL.COM

2789. Re: KAM & TS850 voice problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-25 00:00:00 UTC
From: slay@netcom.com
Message-ID: <slayDnCA53.82C@netcom.com>
Source record: 205189

Roberto Munoz Dominguez (ea4abb@ea4rct.CLubs.etsit.upm.ES) wrote:
: Hello dear hams.

: I have a big problem since I bought a Kantronics All Mode.
: When the HF port of my KAM is connected to ACC2 of my Kenwood TS-850 I
: try to talk on HF on USB or LSB mode with the transceiver and my output
: voice is not clear !!! I must disconnect the KAM from the TS-850 and the
: output voice is clear...

: Do you know any modifications for KAM or TS-850 to clear this problem ??

==========
Date: 2 Mar 93 06:11
From: WA6MHA@WB6WFH
Subject: WIRING OF TS-440 ACC-2

USING THE ACC-2 DATA JACK ON THE TS-440/TS-680 FOR DIGITAL & RTTY MODES

The TS-440 ACC-2 jack (13) pin can be used for your TNC hookup with
great success. The advantages are :

1. You can leave your microphone connected at all times
2. You can turn your speaker volume up and down without affecting
the RX level into your TNC.
3. It keeps your whole setup simple and reduces it to one cable.
4. Your Mic gain will now be set at 7 or 8 on its dial. YES!

The pins used on ACC-2 are: (see page 11 of TS-440 manual)
(3) Data output. This is a constant 300mv output that will go to your
TNC audio input lead. Note: This audio level is also the audio output
on the RCA jack used for FSK output. This is where many hook up their
phone patch.

The audio output may be too hot for some TNC units. If so, you
will have to pad down this level with resistors. My KAM wants to see
50mv and it's seeing 300mv. So far so good!

(4) Microphone shield (Ground)

(9) Microphone Mute. When pulled to ground, this pin will mute the
front Mic connector ** AS LONG AS THE PROCESSOR SWITCH IS OFF!**
If the switch is left on, the audio is pumped up too high to mute.
Connect this pin to your PTT wire from your TNC and also connect
the Cathode of a switching diode (1N4148, 1N914, etc). The Anode of the
diode will go to pin (13). (The cathode is the bar)

When pin 9 is pulled low by your PTT wire, the diode will cause
pin 12 to go low enough to put the TS-440 into transmit. This will both
mute the front Mic jack and transmit at the same time. Works great!

If the diode is not used, and the pins are just connected together,
the front Mic jack will mute itself when used. NOT A GOOD IDEA!

(11) This is your transmit audio in, from your TNC.
Setting of the MIC gain on front of radio:

1. The audio level in wants to be 500mv RMS (1.5 vpp or so). For the
KAM remove its jumper inside. This will give you max audio out of the TNC.

2. For the PK-232, turn up the audio output pot until you get 500mv
or so RMS. You may also want to set it to make your TS-440 mic gain pot
read where you want it. (MIC) will run around 7 or 8 for digital with
the KAM. I'm not sure for the PK-232. More level into the TS-440, lower
numbers on the audio pot (MIC)

(12) Ground for audio shield

(13) Standby (transmit). This connects to the Anode (no bar) of the
diode from pin (9). When pin (9) is pulled low, pin (13) will go low.

To sum it all up:

A. You will need:
1 ea diode, 1N914 OR 1N4148
1 ea 13 PIN DIN CONNECTOR
1 ea TNC cable with appropriate connectors

B. Remember to keep the PROCESSOR switch OFF!

C. Set the Mic gain to 7 or 8 and look at the ALC, keep it
in the red, as per the book. Lower power, longer transmit time!

This hookup in being used with three TS-440 radios and is working
great! Go slow and solder carefully. Please recheck your work and
then plug it in! 73 Glen, WA6MHA@WB6WFH

2790. Re: Sale: Motorola UHF Micor 100/Watts

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-25 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4gpv8n$l7k@news.ccit.arizona.edu>
Source record: 205190

dude@calweb.com (Chris Morgan) wrote:
>>How excatly do think that you are going to get the micor to simultaniously
>>TX or RX with only one channel element? The single element micor uses the
>>one element to synthesize both TX and RX but, not simultaniously. Sean
>>KE6MOW fitz@ocsinc.sbay.org
>Sorry for the flames.. but that is the STUPIDEST statement that I have ever
>heard. What does the channel element have to do with duplexing in a Micor?
>I guess that you have never heard of an offset oscillator? I better tell my
>1 element Micor mobile repeater that it could not have been duplexing for
>the last 6 months. Know code?

If you are "Sorry for the flames" then why do you make them? This is a forum for technical discussion and exchange. Where is the requirement to insult the fellow? While both of your licenses are about the same vintage, you are about 11 years older than Sean. Perhaps you could be sharing greater experience, rather than casting insults about?

And what does the "Know code?" remark refer to? I don't see where the knowledge of morse code indicates anything in terms of technical knowledge. I've known quite a few professional radio techs who weren't amateurs and certainly did not know the code. I'm a No-Code Thank You Very Much Technician myself. And yet I'm responsible for maintaining 3 mountain-top repeaters covering most of Arizona, I hold an FCC GROL+Radar, have technical degrees in RF Communications and Computers, and I serve as a Senior Electronics Technician in a government agency. Oh yeah, almost forgot the NARTE Certification. Perhaps my being a Nationally Registered EMT will carry some weight? It shouldn't! It has about as much to do with technical electronics/RF knowledge as does Morse Code.

This isn't about bragging, it's about knowledge and the desire to learn and the willingness to teach. Offer your knowledge to others and you will receive their gratitude. Throw insults about, and the community that reads them will think the less of you.

Chris Weddle - N7RME
at 9162' atop Mt. Lemmon, Arizona.

2791. FS:Kantronics Dataengine

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-25 00:00:00 UTC
From: smotsc@dataphone.se
Message-ID: <4gps0n$l0k@nic.dataphone.se>
Source record: 205191

I will sell trade my DATAENGINE, its equipped with one 1k2 board & one 9k6/19k2 board has 256 Kb Ram. Will rade for 6m allmode

Vy 73 de SM0TSC

2792. FS Alinco DJ-F1T

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-25 00:00:00 UTC
From: braymer@sunbelt.NET
Message-ID: <01I1MO63RHGQ8WW4TK@SUNBELT.NET>
Source record: 205192

For sale in very mint-condition and works as good as it looks a
Alinco DJ-F1T HT with EDC-43 DC Cig-Lighter Cord,EBP-14N
ni-cad battarey pack,EBP-16N Battarey pack and also the Battarey
packet with AA batterays.With Box and manual and also MFJ-1710
Pocket Linear Telescope Antenna. $250.00 shipped

email too Bobby Raymer at braymer@sunbelt.net

2793. Wanted: Crystal Source

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-25 00:00:00 UTC
From: mbrinkho@falcon.inetnebr.com
Message-ID: <4gq7rn$vn@duck.inetnebr.com>
Source record: 205193

I'm looking for a vendor (other than RS) that might have 2M or 440 ham-band crystals for an old Realistic Patrolman PRO-48A scanner.

Phone numbers, prices &/or crystal freqs would be appreciated.

Also, if you have any ham-band crystals you'd be interested in getting rid of, let me know.

--
Matt C. Brinkhoff, KB0RXC
mbrinkho@inetnebr.com
http://incolor.inetnebr.com/mbrinkho
Lincoln, Nebraska [EN10]

2794. WANTED: ICOM T21A & IC-2000H mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-25 00:00:00 UTC
From: mlamb@sunny.ncmc.cc.mi.us
Message-ID: <4gqcv5$15j@srvr1.engin.umich.edu>
Source record: 205194

Please email to mlamb@sunny.ncmc.cc.mi.us

73, KB8VBA

2795. Re: Yeasu EDC12 car charger/power source mod file

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-25 00:00:00 UTC
From: troy@mcs.net
Message-ID: <4gqf6d$pc1@Nntp1.mcs.net>
Source record: 205195

In <jcupples-2302962240130001@va-dyn30.iphase.com>, jcupples@iphase.com (Jerry Cupples) writes:
>So I have another question - why are there any contacts on the back of the
>FBA-14 AA battery tray? Do those pass through in any way? I may have to
>buy a 4.8 V battery just so the handling of the battery in the car is
>easier - the 9.6 V battery seems huge compared to the tiny radio.

It looks like the contacts on the battery tray are for an external power adapter. It looks like only the ground and external power lines are implemented, the charge line is not so it won't blow up your AA cells.

>I wish that Yaesu had put a DC jack somewhere on the rig, seems like every
>other HT has one...but otherwise it is nifty!

I Agree... I am tempted to take an FBA-14 and put a jack in it for external power to the radio... or I may just break down and buy the E-DC-12.

Troy, KB9KMW

R. Troy Monaghen "Blessed is the man who finds wisdom, the man who gains
troy@cluster.mcs.net understanding, for she is more profitable than silver
and yields better returns than gold." Proverbs 3:13

2796. Wiretapping and Telephone Bugging Web Page tscm.com

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-25 00:00:00 UTC
From: jmatk@tscm.com
Message-ID: <jmatk-2502961534560001@jmatk.tiac.net>
Source record: 205196
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew

Finally the tools and test equipment page is finished, and we have updated
our frequency tables/lists.

Check out our updated tool and TSCM test equipment list.

http://www.tscm.com/

http://www.tscm.com/tmde.html <--- TSCM Test Equipment
http://www.tscm.com/tools.html <--- TSCM Hand Tools
http://www.tscm.com/stu.html <--- Secure Telephones and Scramblers

Upcoming Topics to watch for in March... Any interest??

Wired Microphones and Pinhole devices... tons of pictures
The Computer Audio/Video Threat... tons of pictures
Join us for a real world TSCM sweep...

Feel free to suggest topics...

James M. Atkinson "...Shaken, not Stirred..."
TSCM.COM
127 Eastern Avenue #291
Gloucester, MA 01931-8008
URL: http://www.tscm.com/ E-Mail: jmatk@tscm.com
The First, The Largest, The Most Popular, and the Most
Complete TSCM Counterintelligence Site on the Internet

2797. IC-706 TTP Mic

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-25 00:00:00 UTC
From: kw1k@ior.com
Message-ID: <4gqloa$gj@express.ior.com>
Source record: 205197

Anyone have any good ideas for a mic that has TTP for 2 Meters ?

73
--

Joe Pfeuffer - KW1K
Spokane, WA USA

2798. Icom IC-U12 manuals needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-25 00:00:00 UTC
From: pross@netmax.com
Message-ID: <4gqn7s$eug@onramp.freeway.net>
Source record: 205198

I am looking for programming & service manuals for an Icom U12 hand held unit. Thanks.

2799. WANTED: Service Manual for Cushman CE-5

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-25 00:00:00 UTC
From: Dave Dredge <ddredge@kmg.com>
Message-ID: <3130EEA6.61FF@kmg.com>
Source record: 205199

I am looking for a service manual for a CE-5
service monitor. Can anyone help???

Thanks,
Dave Dredge
email: ddredge@kmg.com

2800. FS: Kantronics Data Engine

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-25 00:00:00 UTC
From: Dave Dredge <ddredge@kmg.com>
Message-ID: <3130EEF4.E31@kmg.com>
Source record: 205200

I have a Kantronics Data Engine with 1200 and 9600 baud
modems installed with all manuals.

Make me an offer or trade!

Dave Dredge
email:ddredge@kmg.com

2801. WTB.:Icom FL-101 250Hz CW filter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-25 00:00:00 UTC
From: Will <kn6dv@qnet.com>
Message-ID: <4gqrah$57f@mandolin.qnet.com>
Source record: 205201

I am looking for a Icom 250Hz CW filter.
Please send me a E-Mail kn6dv@qnet.com
Thanks 73 Will, KN6DV

2802. Re: Ford Motor Noise Problem number

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-25 00:00:00 UTC
From: Jack Davis <jedavis@deltanet.com>
Message-ID: <NEWTNews.825299874.16451.jed@Deltanet.deltanet.com>
Source record: 205202

In Article<312D1B62.50E2@garlic.com>, <nadzam@garlic.com> writes:
> Path: news.deltanet.com!uunet!in2.uu.net!newsfeed.internetmci.com!primus.ac.net!news.cais.net!news.vbc.net!garlic.com!usenet
> From: Bill Nadzam <nadzam@garlic.com>
> Newsgroups: rec.radio.amateur.equipment
> Subject: Ford Motor Noise Problem number
> Date: Thu, 22 Feb 1996 17:41:54 -0800
> Organization: South_Valley_Internet
> Lines: 10
> Message-ID: <312D1B62.50E2@garlic.com>
> NNTP-Posting-Host: ad.assign.garlic.com
> Mime-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> X-Mailer: Mozilla 2.0 (Win16; I)
>
> I know that I have read that Ford Motor Company has acknowleged a
> problem with their Electric Fuel Pump causing noise in Radio equipment.
> Does anyone out there have a Problem number or a reference number
> for this problem? My dealer seems to what to ignor me unless I can get
> a number.
> --
> --
> Name: Bill Nadzam "K8WN"
> E-mail: nadzam@mail.garlic.com (Bill Nadzam)
> --
Tell your dealer it is his _JOB_ to find the number.
Sounds like the kind of Ford dealers we have here in
So. California.

--

Jack

2803. Looking for attenuator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-25 00:00:00 UTC
From: rroberts@mcs.com
Message-ID: <NEWTNews.825310863.19568.rroberts@rroberts.mcs.com>
Source record: 205203

Greetings,
I am looking for an active attenuator to be used on two meters. When I am foxhunting, I get swamped whenever I get close to the fox. I am using a KAY unit, and that works ok until I get close, then I get swamped. I have been told that I need the active attenuator so that I can hook it up to the beam and then adjust it so I can get closer before I get out with the ground gear. I have tried using a talkie with no duck, but not much luck.

I am looking for something already made up as I have had no luck with kits.

Any help would be appreciated.

Replies to:

rroberts@mcs.com or rroberts@sigg.com

Thanks

73

Rich - KA9MAB

2804. TRIO TS-510 - Please help me !

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-25 00:00:00 UTC
From: Robert Zolkos <cyberbob@tbsa.com.au>
Message-ID: <4gpqrs$g7e@news.tbsa.com.au>
Source record: 205204

Hi there,

Today I purchased a Trio Ts-510. Apparantly it need a 9 pin shunt
connector attached to the external VFO socket on the back of the rig.

Does anyone know how these are wired up so that I can make one up.

Any suggestions would be appreciated

Regards,

Rob VK3HC

2805. LARSEN ELECTRONICS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-25 00:00:00 UTC
From: roland.stiner@hobbs.com
Message-ID: <8BB74C0.002700303F.uuout@hobbs.com>
Source record: 205205

To: ALL
Subject: LARSEN ELECTRONICS

Does anyone know if Larsen Electronics has an E-Mail address? If so,
what is it? Tnx

OLX 1.53 --------------> 73, de NK2U <----------------

* Origin: CyberNet BBS Lyndhurst, NJ (1:2604/151)

.....ooooo00000o http://www.intac.com/~cono
__,-----. ---+_________#_ The Roy Hobbs BBS sysop@hobbs.com
|________| |__|__________} Node 1: 201-641-7307
ooooo oo ~ ooO-O-O-O == oo\ Node 2: 201-641-3126

2806. Mods for Alinco DX-70

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-25 00:00:00 UTC
From: rona@usa.net
Message-ID: <4gqpbk$b7e@felix.teclink.net>
Source record: 205206

I would appreciate it if anyone can tell me about the mods to the Alinco DX-70 to open up for out of band operation... Please E-mail me direct to Gary_Jones@bull.cc.usm.edu
Thanks
gary Jones

2807. TS-870 MARS mod

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-25 00:00:00 UTC
From: gworth@mhv.net
Message-ID: <4gq63n$qn2@over.mhv.net>
Source record: 205207

[No readable article body recovered]

2808. Re: JPS Noise Filter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: rickhz@primenet.com
Message-ID: <4gteau$ipe@nnrp1.news.primenet.com>
Source record: 205060

I've had the JPS NIR-10 for about two years now and have really enjoyed
using it. It really helps pulling weak signals out of the noise. The
filter really shows it's stuff on 40 meters cancelling the AM broadcast junk.

In article <4gtaps$hc4_001@ind-009-237-99.iquest.net>,
hwolfla@iquest.net (Lyman H. Wolfla II) wrote:
>I am looking for any one who has the JPS Noise Filter. QST seems to like it,
>and I am wondering if anyone has used it. Thanks, Hank Wolfla K9LZJ

2809. Re: HELP: Icom 728 mods..

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: mitch@primenet.com
Message-ID: <31323cb1.5823257@news.primenet.com>
Source record: 205061

torarne@internet.no (Tor Arne Larsen) wrote:

>Can anyone be so kind to tell me how i get my Icom IC-729 (728) to
>transmit on all frequency on HF. Other tips on mods will allso be welcome.
>
>Thank you
>
>- torarne@internet.no -
>
1. Remove power and antenna
2. Remove screws and open case
3. Locat PLL board
4. Locate and cut DIODE D5
5. Reassemble radio
6. Reset the microprocessor (operators manual)

2810. Re: WANTED: ICOM T21A mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: mitch@primenet.com
Message-ID: <31323e91.6303354@news.primenet.com>
Source record: 205062

mlamb@sunny.ncmc.cc.mi.us (ML, Michigan, USA) wrote:

>Please email to mlamb@sunny.ncmc.cc.mi.us
>
>73, KB8VBA
Press and hold [B]&[#] and turn power on. This will wideband receive.
Or:
1. Remove battery and antenna
2. Open radio
3. Locate logic board
4. Locate and remove Diode D15 (RX mod)
5. Locate and remove Diode D14 (TX mod)
6. reassemble radio,
then press and hold [B]&[#] and turn the power on.

2811. Plantronics telco Starset conversion?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: leber@voicenet.com
Message-ID: <leber-2602962112110001@philly347.voicenet.com>
Source record: 205063

Anyone out there ever adapted a Plantronics StarSet telephone headset for use with radios? I have two of these, and I'd love to modify them for use with HTs. They look identical to the type used by pilots & air traffic controllers, with the exception of the plug box/adapter (and they're beige instead of black).

Tom Leber N3QKV <leber@voicenet.com> - Wyndmoor, PA USA
"Smother technology and it rebels." - Max Headroom

2812. Viking Ranger Manual Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: Bob Ludlum <brlpe@gnn.com>
Message-ID: <31328E8E.2CDF@gnn.com>
Source record: 205064

KO4EE, Robbie, Needs a manual (or at least a schematic) for the Johnson Viking Ranger. Will pay copy and postage costs. E-mail details to Bob K4LXA at brlpe@gnn.com

2813. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: Richard Kiefer <kieferr@athena.csdco.com>
Message-ID: <31328D67.27B2@athena.csdco.com>
Source record: 205065
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

Roy Lewallen wrote:
>
> In article <1996Feb24.105430.22651@ke4zv.atl.ga.us>,
> gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>
> >For a balanced tuner, we'd want to use hot wire ammeters, and a RF
> >voltmeter that we could move along the line, to determine power out.
> >The RF voltmeter would let us directly determine VSWR and give us
> >a direct tuner output voltage reading. Combined with the RF current
> >readings of the hot wire ammeters (one in each leg) we could then
> >determine power out by cranking the formulas.
>
> It's not obvious to me how this would work. Wouldn't we have to know the
> phase angle between the voltage and current to determine the power?
>
> Roy Lewallen, W7EL

Roy, Do you think this would work -

1. Tune a tuner to its operating point to match a tranmitter to an
antenna.
2. Then, disconnect the tuner and measure its complex input impedance
with its output open.
3. Get the parallel equalivent circuit, which an 8753B network
analyzer will do automatically.
4. The parallel resistance is then the total power burning element of
the insides of the tuner.
5. Reinstall the tuner, turn up the transmitter to full output and
measure the RF voltage at the input connector of the tuner with a T
connector or something.
6. Then, for that operating point, or match, the power disipated inside
the tuner box is V^2/Rmeasured.

Since the measured R is dependent on the Q's of the components inside the
box it should be differnent for each matching situation and hence the
power disipated will be different each time. I have not tried this,
maybe the value of R is often to far away from 50 ohms that the
inaccuracies of a directional coupler type of network measurement
instrument like the 8753B lead to big errors. Or, the measurement could
be made on a bridge. I have measured Q's of 200 to 350 on large coils
used for matching in a 10 kw commercial rig. Coils have to get pretty
big to be efficient, silver plated and everything. I have not measured
any air variable caps, but vacuum variables are used for a reason.

2814. Re: Wanted: Manuals & Mods for JRC NRD-525

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: gatkins@gatkins.seanet.com
Message-ID: <gatkins.30.000B7179@gatkins.seanet.com>
Source record: 205066
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.equipment,rec.radio.swap

In article <4gkg4s$74p@news.ios.com> Hank <kb2rkx@soho.ios.com> writes:

> I would like to get a copy of both the operaters manual and the service
>manual as well as any
>known mods for a Japan Radio Co NRD-525. Thanks Hank kb2rkx@soho.ios.com

Hank, a few years ago I compiled a fairly extensive article describing various modifications for the NRD-525. It was published in the 1991 edition of "Proceedings" (Fine Tuning Special Publications, of which I am an editor). The article is entitled "Improving A Winner: Modifications and Upgrades for the JRC NRD-525".

Each edition of Proceedings has many equipment reviews, antenna & radio/historical articles, construction projects, etc. for the advanced SWBC and MW DXer as well as AROs. If you wish info on purchasing the 200-pg. Proceedings from 1991, you may contact:

Fine Tuning Special Publications
c/o John Bryant
RRT #5, Box 14
Stillwater, OK 74074

Virtually everyone who has bought a Proceedings since 1988 commented that it was one of the best investments in their radio hobby they have ever made.

73, Guy

2815. HOW TO REPROGRAM 2WAY RADIO-MOTOROLLA

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: Vector Boy <shabibi@freenet.calgary.ab.ca>
Message-ID: <Pine.A32.3.91.960226211610.56536D-100000@srv1.freenet.calgary.ab.ca>
Source record: 205067

----- Message Text -----

I have a motorola 2-way radio that has 2 channels on it (model radius p200), and would like to change the frequency. I opened it up, and there
is just one big metal box inside of it. Please e-mail me if you have any ideas. Or, if you are familiar with use of this particular radio. Please e-mail me as well.

Thanks alot.

<shabibi@freenet.calgary.ab.ca>

2816. FS 2 meter HT.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: amman@airmail.net
Message-ID: <4gr2j9$1k9@news-f.iadfw.net>
Source record: 205110

Fs. Azden (PCS-300) 2 meter FM handheld transceiver
$125 plus shiping.Used daily

73
Robert KC5RYI
amman@airmail.net

2817. Manual Needed for JRC NRD-525

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: kenpaul@gatecoms.gatecom.com
Message-ID: <4gr8ta$io5@www.gatecom.com>
Source record: 205111

Posting this message for a co-worker whose news server has gone down...

Looking for the manual for a JRC NRD-525

(the author has not the slightest idea what it is)

send ALL reples to Hank Brakman at kb2rkx@weca.org

do NOT post replies or send mail to me... thanks!

-- Ken Paul

2818. Re: Wanted: Crystal Source

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: parnass@radioman.ih.att.com
Message-ID: <4gr9ra$hjg@ssbunews.ih.att.com>
Source record: 205112

In article <4gq7rn$vn@duck.inetnebr.com>,
Matt C. Brinkhoff <mbrinkho@falcon.inetnebr.com> wrote:

>I'm looking for a vendor (other than RS) that might have 2M
>or 440 ham-band crystals for an old Realistic Patrolman PRO-48A
>scanner....

From my "BUYING A USED SCANNER RADIO" FAQ:

Obtaining Crystals

If you do purchase a crystal controlled scanner or monitor
receiver, you will probably want to buy more crystals to
cover local frequencies.

Scanner crystals may be ordered from your local Radio Shack
store or from one of the companies below. Be sure to
specify the operating frequency you want and the brand and
model of scanner.

Some companies may ask you to send a schematic of the
scanner or require more detailed information, like series
or parallel resonance, load capacitance, etc.

American Crystal Co.
1623 Central Ave.
Kansas City, KS 66102
tel. 913-342-5493

Bomar Crystal Company
201 Blackford Ave.
Middlesex, NJ 08846
tel. 908-356-7787

Cal Crystal Lab Inc.
1142 N. Gilbert St.
Anaheim, CA 92801
tel. 714-991-1580

International Crystal Mfg Co.
11 N. Lee Ave
Oklahoma City, OK 73102
tel. 405-236-3741, 800-725-1426

G & G Communications
9247 Glenwood Drive
LeRoy, NY 14482.
tel. 716-768-8151

Jan Crystals
Box #-6017
Fort Myers, FL 33911
tel. 813-936-2397

Monitor Crystal Svc
124 W Walnut St Watseka, IL 60970
tel. 815-432-5296

==========
Copyright 1996, Bob Parnass, AJ9S parnass@att.com

Find and identify transmitter sites with RadioMap(tm)
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Copyright 1996, Bob Parnass, AJ9S parnass@att.com

Find and identify transmitter sites with RadioMap(tm)

2819. FS. Realistic DX-160 rcvr

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: amman@airmail.net
Message-ID: <4grbdb$3t0@news-f.iadfw.net>
Source record: 205113

Solid state communications receiver Realistic DX-160 .15 to 30 mhz.
am, ssb and cw. With speaker. $50.00 pius shipping $5.00 .Radio is in
good working shape,but not brand new.

73
Robert KC5RYI
amman@airmail.net

2820. How to listen below 100 kHz? (VLF question)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: Lennart.Schander@mailbox.swipnet.se
Message-ID: <4grdfg$hmp@mn5.swip.net>
Source record: 205114

Hello!
I wanna listen to the range below 100 kHz down to say 10 kHz. I have an
all-mode scanner as begins at 100 kHz, so my idea is to make a converter
and move the VLF spectra a bit up over 100 kHz.
Can anybody give me an advice how I solve this problem. Some kind of
mixer I think...

73 from SM7KWY - Lennart

2821. Free classified Ads at Ham Radio Online

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: vbook@vbook.com
Message-ID: <4grd7d$htp@news.accessone.com>
Source record: 205115
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.scanner,rec.radio.shortwave

We've added free "classified" ads to our freeware Ham Radio Online international "magazine" web site. We also have original feature stories, international ham radio newsletters, broadcast/SWL info, REAL-TIME world-wide propagation resources including MUFs, aurora, geomagnetic field conditions and tons more stuff.

The March stories will begin by the end of the coming weekend. Stop on by and check out the new Ham Radio Online Interactive section - where you can add your own messages and your own ads, DX announcements, VHF band openings or whatever.

Please enjoy,
73, Ed, KF7VY

---
personal email to vbook@vbook.com
Visit Ham Radio Online, it's free, at
http://www.accessone.com/~vbook/hronline.htm

2822. Re: mod for ft1000mp needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: shelj@holli.com
Message-ID: <DnD2pv.B4z@iquest.net>
Source record: 205116
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <DnAFAK.Grq@iquest.net>, shelj@holli.com says...
>
>need mod for yeasu ft1000mp can anyone help???
>thanks jeff e-mail=shelj@holli.com
>
got it thanks.......jeff

2823. Re: What ever happened to...RDF

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: Richard Dowling <rpd@alaska.net>
Message-ID: <4grdhc$cv2@byatt.alaska.net>
Source record: 205117

editz@eskimo.com (Roger N. Hoffeditz) wrote:
>Marine RDF's seem to have gone by the window of time. Everytime I go to
>a boat show, I always ask for them. The answer seems to be "If you had
>one today, you could sell it for a lot of money"

You might try adapting an aviation ADF (Automatic Direction Finder) to marine use. Older units such as the Bendix T-12C (analog dial) and T-12D (digital frequency select) work quite well and are commonly found in the $350 to $750 range, there are many others just as good. As a bonus they work on 12 volts. It does take some skill to install them correctly. Non-metal boats will require some ground screen under the "loop" antenna.

2824. Re: Yaesu FT-530 price drop down to $298 from AES

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: kwon2m@aol.com
Message-ID: <4grirg$euk@newsbf02.news.aol.com>
Source record: 205118

The FT-51R came out about a year ago.

2825. Re: Anyone use a YEASU 727R..Jeff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: kwon2m@aol.com
Message-ID: <4grirg$euj@newsbf02.news.aol.com>
Source record: 205119

It's been a long time since I had one of these radios, but I'm pretty sure that Yaesu made an optional ctcss (pl) tone module that simply plugged in inside the rig. PL was then programmable from the keypad. If my memory serves me correctly, you had to remove the battery, then 4 screws from the bottom of the radio. This gave you access to the tone board connector. You will, of course, have to scout up a tone board. I'd suggest that you try calling Yaesu, as they may still be able to provide this item. Good luck, it was a pretty good rig!

John, N2BFJ

2826. UHF Radios Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: Kevin Bednar <bednark@warwick.net>
Message-ID: <31315C1C.3BA7@warwick.net>
Source record: 205120
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

Hello all. I am trying to start a neighborhood watch/emergency notification group here in town. I am looking for donations of portables and mobiles mostly, but a base or 2 could be useful also. Unfortunately, I just got out of the hospital not long ago and incurred som quite healthy doctor bills, so I am unable to buy anything at this time. If there is anyone out there willing to donate this equipment (preferably working) , please let me know ASAP. I will of course pay the shipping costs. My sincerest thanks to all for your consideration.
Kevin M. Bednar
bednark@warwick.net
PLEASE-Reply to me e-mail, not by posting to this group, as all it does is create excess traffic. Thanks.

2827. QRO HF-2000 HF linear amp owner's comments

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: jchol@aol.com
Message-ID: <4grm2j$gcf@newsbf02.news.aol.com>
Source record: 205121

I have seen several questions about HF amps: What is the best tube? How do the Heathkits compare, etc. That motivated me to share my experience.

I have constructed both the SB-200 and 220, owned an SB-1000, owned a Henry 3KD Premier, and now own a Dentron MLA-2500 and the QRO HF-2000. I like all the amps mentioned for different reasons; but for my taste and operating habits, the QRO stands out from the crowd:

1. Very quiet and effective fan - quietest I have ever heard.
2. QSK with vacuum relay very good and very quiet!
3. 3-500z tubes are the best value and are mistake tolerant. Most tubes are blown by operator error such as wrong band or antenna connected.
4. I find the tuning very smooth and reproducible.
5. Very good on the air reports.

The Henry amps are very well built, but most don't have 160 which is my primary band of operation. The 3KD Premier does have 160, but the blower in mine was too loud for normal conversation. The Heathkits are excellent value, but lack 160 also. I like the size of the MLA 2500 - a lot of power for the size.

Of course there are the alphas - I have two friends who own the manual tune 89, I think. They are excellent amps, but the cost of the tubes is high.

I'm not much of one to recommend since individual preferences and pocketbooks differ. But if you have been thinking about a new amp, take a look at the QRO.

73 de John, WA5TWL

2828. Re: Microwave Modules 50MHz converter-help!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: Al Bolton <Al@boltons.demon.co.uk>
Message-ID: <825322329snz@boltons.demon.co.uk>
Source record: 205122

Hi,

I have just been given the remains of a Microwave Modules 50MHz converter (with a 28MHz IF) and I would like to "restore" it to life.

Only trouble is, it is missing a few components. The previous "owner" either stripped it or his dog ate it!

One missing component is obviously a semiconductor, with 4 legs. Judging by the circuit that remains this was probably a 40673 as these were frequently used in these type of circuits. An inductor is missing as well-although the loops of wire are still there! This is 4mm wide by about 15mm long, with an iron core.

Does anyone have a circuit diagram for this converter? I would be very happy to pay for a photocopy or a fax of it.

Is there an equivalent for the 40673 readily available as I have been unable to obtain one (must be years out of production I suppose) ? My local Electronic stores certainly don't list it either, nor the small inductor. Any help here gratefully received.

Many thanks,

Al Bolton.
OK8VSQ/OM/G4VSQ
Caversham, UK.
----
al@boltons.demon.co.uk

2829. Free Tower! (L.A.) Moving/U Take Down

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: frankb@netcom.com
Message-ID: <4grras$7nt@kaiwan.kaiwan.com>
Source record: 205123

FREE 60' TOWER... In Marina Del Rey (L.A.)

Less than 2 years old. I'm moving and can't take it with me. I have two weeks before the move.

Self-supporting TELEX, nice shape. You take it down. I keep the antenna.

Frank KD6KEK
(310) 823-0706

2830. TNX! ALL ~ Re:ICOM HM12 Mike

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: cardenas@kaiwan.com
Message-ID: <4grs6l$8od@kaiwan.kaiwan.com>
Source record: 205124

Thanks to all who were kind enough to send connections for the above mike!

73's, All!
Tony
WA6IGJ

2831. Re: Wanted: Crystal Source

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: dll@chattanooga.net
Message-ID: <4grgi8$jq8@news.chattanooga.net>
Source record: 205125

In article <4gq7rn$vn@duck.inetnebr.com>, mbrinkho@falcon.inetnebr.com
says...
>
>I'm looking for a vendor (other than RS) that might have 2M or 440 ham-band
>crystals for an old Realistic Patrolman PRO-48A scanner.
>
>Phone numbers, prices &/or crystal freqs would be appreciated.
>
>Also, if you have any ham-band crystals you'd be interested in getting rid
>of, let me know.
>
>--
>Matt C. Brinkhoff, KB0RXC
>mbrinkho@inetnebr.com
>http://incolor.inetnebr.com/mbrinkho
>Lincoln, Nebraska [EN10]

International Crystal 405/236-3741
Jan Crystal 800/526-9825

David Lawson
KF4EBP

2832. Re: Equivalent to 40673 device?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: genek@dibbs.net
Message-ID: <3131978E.42BF@dibbs.net>
Source record: 205126

Al Bolton wrote:
>
> Hi,
>
> I need to replace a 40673 semiconductor device in a 50MHz converter.
>
> Does anyone know of a modern equivalent to this now-unobtainable device?
> WOW! I can't believe this fet is no longer available. I think the
ECG222 is replacement but may not work as well at the original. If
you only need one, I may be able to round up one 40673 and mail it to
you. I will look today. Reply direct as I might miss this newsgroup.
--
Gene Kennedy, Mobile AL
genek@maf.mobile.al.us
genek@dibbs.net
wa4wbi@maf.wa4wbi.ampr.org

2833. Icom 730 - rx problems

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: jwg6@cornell.edu
Message-ID: <jwg6-2602960742530001@cu-dialup-0915.cit.cornell.edu>
Source record: 205127

I'm using a borrowed IC730 and theres something odd about the receiver. Signals barely move the S meter and I have to have the "preamp" on all the time to make the rx sound normal at all. Even then, really strong signals only get up to S5 or S6. It's particularly noticeable on bands higher in freq than 40 meters.

Transmitter is fine, does well. But received signals sound somewhat "clipped" or filtered. It's rather annoying. The rx should work well without the preamp. I can't find any attenuator switch anywhere, and RF gain is always at max. (I don't have the manual, by the way.)

Anyone had this trouble? Where might I start trouble-shooting? Someone suggested the tx/rx relay might be bad...

The owner inherited the rig from his deceased grandfather, but is still working on his ticket. It would be nice to have the rig operating correctly by the time he wants to get on the air. Thanks alot N1AEP

2834. FS *** Ham Radio Moveing SALE ***

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: braymer@sunbelt.NET
Message-ID: <01I1NU7TCELW8WW4TK@SUNBELT.NET>
Source record: 205128

*** NOTICE TOO ALL ***
I am listing this for a ham friend of mine please call him at the phone
number i will list below.If any email is address to me about the gear
i will not reply.

Kenwood TS700A two meter allmode Extra Mint-Condition
with manual $375.00 plus shipping

Kenwood MC50 mike with manual $50.00 plus shipping

AR Square GasFet 24db Preamp 144MHZ with manual
$75.00 plus shipping

M Square 5WL 17 Element two meter Sideband Beam
New in the Box with manual $150.00 plus shipping

Hygain 14 Element 2 Meter beam less than one year old
with manual $50.00 plus shipping

AEA PK232 Pakrat ALL MODE Packet TNC Controler
with manual $100.00 plus shipping

MFJ TNC/MIC Switch for the PK232 New in box with
manual $25.00 plus shipping

SBE Sixer 6 meter SSB Rig No Manual $150.00 plus shipping

Uniden President HR2510 10 meter radio No Manual Near
Mint-condition $125.00 plus shipping

A99 10 meter Vertical less than 1 yr old with manual $35.00
plus shipping

CDE AR20 Rotor with Thurst Bearing and manual $50.00
plus shipping

All Gear listed is in mint-Condition and is PLUS SHIPPING
for information on this LIST CALL DAVID HUNTER KC4VPI
at 1-615-858-2167 and LEAVE A MESSAGE,Dave will call
you back .

**** PLEASE DO NOT EMAIL ME ABOUT THE LIST ***
CALL Dave AT THE NUMBER LISTED ABOVE
****

2835. Re: Alinco DJ-160 HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: Al Robinson <robinsona@rl.af.mil>
Message-ID: <4gs8nh$mtf@news.rl.af.mil>
Source record: 205129

ericlandes@aol.com (EricLandes) wrote:
>Does anyone know anything about this HT?
>Pro or Con?
>
>Thank you,
>
>Eric

I've owned a DJ-160 for about 4 years now and the radio is a real workhorse. It has 20 memories, VFO, tone encoder, autodial capability and other features. It has plenty of audio output, something most HT's need more of. The only negative is the fitup of battery pack to the radio, it tends to loosen up with age. Mine was remedied by adding a generous amount of "Shoe-Goo" on top of the pack.

2836. WANTED: ICOM T21A & IC-2000H mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: mlamb@sunny.ncmc.cc.mi.us
Message-ID: <4gsct8$gi7@srvr1.engin.umich.edu>
Source record: 205130

Please email mods to mlamb@sunny.ncmc.cc.mi.us. Thanks!

73, KB8VBA

2837. Re: rec.radio.swap

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: Siegfried Rambaum <siram@light.lightlink.com>
Message-ID: <Pine.SUN.3.91.960226091411.22787A-100000@light.lightlink.com>
Source record: 205131

Nope, was beautifully and temptingly filled on each and every day on my site

On Wed, 21 Feb 1996, Steve Ellington wrote:

> Yes, me too.
>
> John Michael Pendergraft (jmpko4my@ix.netcom.com) wrote:
> : Has anyone else noticed that "rec.radio.swap" has been empty lately. I
> : have not been able to see any ads in this group and am wondering if it
> : is just my feed or what.
> : Thanks, john

2838. Re: TS440S shut down problem on some bands

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: w9sz@prairienet.org
Message-ID: <4gsga7$kbh@vixen.cso.uiuc.edu>
Source record: 205132

In a previous article, randy@pulsar2.rdrc.rpi.edu (Randall Bradley) says:

>Definitely clean out the goo in the PLLs, they're the things in
>the little metal square cans on one of the boards. You'll need a
>scraper, xacto knife, and dental picks. SCREW the HOT GLUE! Dumb idea,
>since you cannot get all of the old goo out, and the residual will
>eventually cause more problems. The stuff they used is like "Pliobond"
>a Goodyear "rubber cement." It eventually hardens, and then becomes
>rather conductive, loading down the PLL, which will drop in and out
>depending upon time of day, temperature and the moon.
>
>The ONLY way to really fix it is to carefully desolder each and
>every component in the PLL circuit area and scrape the crap off them
>and the board.
>
>I'd like to strangle the Flaming JERK who designed this with this
>awful "potting compound." What a fool. I've been into my 44o at
>least 6 times to clean them out, since it's really a pain in the butt
>to remove the entire board and go through the desoldering of about
>250 components.

As someone who works in electronics repair, I see this stuff all the
time. No manufacturer I've encountered is not guilty of using the stuff!
I see it in VCR's, receivers, cassette decks, CD players, etc etc. They
usually use it to glue down capacitors for some reason but some dummies
even dribble the stuff all over 64-pin surface-mount microprocessors!
(BIG MISTAKE!)

It can usually be softened up a bit with lacquer thinner (DO THIS IN A
VENTILATED AREA!)

>
>Unless you're going mobile, skip the HOT GLUE. A) it's a lousy thermal
>conductor, B) it doesn't like heat and C) try to get that out later!
>As a mechanical damping and stabilizing compound for the PLL, I guess
>it will do, but if the unit sits on your desk, who cares??

Perhaps silicone sealant meant for electronics use would do better!

>
> _-_randy_-_ WB2GCR
>
>
> randy@rdrc.rpi.edu

73, Zack W9SZ

2839. Yaesu FT-530 Mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: Michael Stricker <stricker@ll.mit.edu>
Message-ID: <4gsf1i$230@llnews.ll.mit.edu>
Source record: 205133

Hi;

I'm trying to locate a list of modifications for the FT530 such as extended receive and transmit frequencies. If anyone knows where I can find these, or has a radio for sale incorporating these modifications, please let me know via e-mail.

stricker@LL.MIT.edu

Thanks

Mike Stricker, WA1SEO

2840. Re: TS440S shut down problem on some bands

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: mack@ncifcrf.gov
Message-ID: <DnE164.B9s@ncifcrf.gov>
Source record: 205134

In article <312CB810.6A1F@uiuc.edu> "C. J. Hawley" <c-hawley@uiuc.edu> writes:
>David Stockton wrote:
>>
>> PJ DUGGAN (pj_duggan@nt.com) wrote:
>> : Hi Guys,
>>
>> : I am having a problem with my TS440S HF Rig. It shuts down between 14.5MHz
>> : and 22MHz. Get no audio from speaker and 7 dots on the display. Fault
>> : sometimes occurs between 22MHz and 30MHz. But this seems to correct itself
>> : after 15 minutes of power on. Fault is present for both transmit and
>> : receive. Relays on the ATU board and filter board seem to function O.K. for
>> : the different bands including the problem ones mentioned above.
>>
>> : Does any one have any ideas on the above?? or has anyone experienced
>> : similiar problems with Kenwoods TS440s??
>> : Does a workshop manual exist other than the owners handbook? If so where
>> : can I get one??
>>
>> Most likely cause is bad adjustment of the VCOs on the output loop of
>> the synthesiser. Most rigs split the 30 MHz osc tuning range into 3 or 4
>> oscillators. There isn't much tuning voltage swing and adjustment is a
>> bit critical. Drifts as the radio ages and some freqs hit the tuning
>> endstops of the VCO, loop unlocks an TX shutdown activated plus other
>> warnings like your display.
>>
>> There is a proper service manual with fault finding trees and circuit
>> descriptions available via Kenwood agents.
>>
>> If this is it, it's pretty easy to fix, no parts needed, just a
>> voltmeter and a twiddler tool. Bog standard fault on just about all synth
>> HF rigs.
>>
>> Cheers
>> David GM4ZNX
>
>Before you adjust anything, scrape the gooey wax off of the components in the PLL
>section. I think that is where the wax is that a friend who had the exact same
>problem removed and fixed his 440.
>
>Chuck, KE9UW
>

Another 2c here. I have the same problem with my TS430. It just stops
working above 14MHz. The problem is in a 4 pin flat connector on the

side of on of the boards. The connector has the control voltages activating the bands. The first time it happened I just unplugged and replugged the connector and it was OK. The next time it happened, a year later, I had to reconstruct the whole problem again and this time I marked the connector. It still happens now, but I can thump the rig and it comes back.

Joe NA3T

2841. Re: How to listen below 100 kHz? (VLF question)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb26.155403.2610@ke4zv.atl.ga.us>
Source record: 205135

In article <4grdfg$hmp@mn5.swip.net> Lennart.Schander@mailbox.swipnet.se (Lennart Schander) writes:
>Hello!
>I wanna listen to the range below 100 kHz down to say 10 kHz. I have an
>all-mode scanner as begins at 100 kHz, so my idea is to make a converter
>and move the VLF spectra a bit up over 100 kHz.
>Can anybody give me an advice how I solve this problem. Some kind of
>mixer I think...
>
>73 from SM7KWY - Lennart

Yes, what you want is a converter. You want to kick the VLF up to a much higher frequency, however, usually up around 3 or 4 MHz. This makes image filtering much easier. The converter would consist of an antenna matching network, low pass filter, mixer, local oscillator, and a post mixer amplifier. Perhaps the best "antenna matching network" is a FET used in an emitter follower configuration. The very high gate impedance serves to match the very high impedance presented by the typical short (in terms of wavelength) VLF antenna. Follow that with a Pi low pass filter designed to match the input impedance of your mixer. The local oscillator would be a simple crystal oscillator operating in the 3-4 MHz range. The post amp would match the mixer output impedance and deliver the signal to the receiver.

The area around 0 Hz will be "masked" by LO leakage when using a converter. The range from 0 Hz to 3 kHz may be better monitored with a simple high gain audio amplifier (and a power line frequency notch filter). A phono preamp for magnetic cartridges is a good receiver for this ELF range. The frequencies are low enough you can hear them directly by ear without conversion.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2842. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: <>
Message-ID: <4gsn5j$k9b@kocrsv08.delcoelect.com>
Source record: 205136
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In <4gcs28$srg@news.ios.com>, macino@mail.fwi.com writes:
>In <3128BE66.60B0@uiuc.edu>, "C. J. Hawley" <c-hawley@uiuc.edu> writes:
>>macino@mail.fwi.com wrote:
>>>
>>> In <4g2j6u$12e1@chnews.ch.intel.com>, tom_boza@ccm.ch.intel.com (WB7ASR) writes:
>>> >How can you tell how much RF power an antenna tuner is consuming
>>> >when in use?
>>> >
>>> >Is this a trick question? How about putting a wattmeter just in front of it, measure
>>> the power in, then put the wattmeter on the output side and measure the power
>>> out. The difference should be WATT your loosing in the tuner.
>>>
>>> 73's WD9AHF - JimWell, the wattmeter will have to work at the output impedance of the
tuner.......
>>Did anyone read the series of articles last year on tuner losses? Some of the comments
>>posted here are contrary to the findings of the author. One that comes to mind is that
>>the loss is independent of the impedance being matched. The articles usually showed that
>>losses were greater for the same SWR when the impedance of the load was low rather than
>>high. The author, Frank Witt AI1H, used the fact that the SWR measured at the input of a
>>tuner with loss will not correctly report the mismatch at it's output. The losses are
>>proportional to the error in the reported SWR. For example, he adjusts a tuner to 1:1
>>for a 100 ohm load. Then he replaces the load with a 50 ohm load, and then a 200 ohm
>>load. The deviation of the SWR from 2:1 in both cases is due to the loss in the tuner.
>>Read the articles April,May 1995. What do you guys think?
>>--
>>
>>
>>Charles Jack Hawley Jr.
>>Amateur Radio KE9UW (A.K.A. 'Chuck' in Ham Radio)
>>BMW K100RS, BMWMOA #224 (A.K.A. 'Jack' in Motorcycles)
>>hawley@aries.scs.uiuc.edu
>>Sr. Research Engineer Emeritus
>>Univ of Ill, Urbana-Champaign
>>
>>
>Hi again,
> I think you are complicating a pretty basic problem. Why not just put a non
> reactive load that matches what you think is your feed point impedance and
> measure Current and voltage there, and back at the transmitter, again using a
> non reactive load do the same. If the two power readings don't match, that's
> the loss. Did you ever build an amplifier and tune the inductor for the maximum
> efficiency? Maybe I've landed in the middle of a thread that I don't know whats
> gone on before, but I can't see what your hung up on. Sorry

> Jim

Jim,

I think that you have offered the most common sense approach to this issue. However, is it even necessary to use a nonreactive load approximating the impedance of an intended antenna? Why not just use the intended antenna as the load and measure the RF voltage and current at the input and output of the tuner - period?
Maybe I am overlooking something and the issue is not as simple as this?

Regards,

Roy
K9ER

2843. Re: KAM & TS850 voice problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: lenrev@wwa.com
Message-ID: <4gsnth$huc@kirin.wwa.com>
Source record: 205137

I had a similar problem with my TS-680 and the KAM. The hum and
garbaged audio did not occur when using the original hand mic bud did
occur with most others including other Kenwood mics. I think part of
the problem I found was that I shared common between the audio and PTT
lines when connecting the Kam to the ACC2 connector. Most modern mics
use electret elements which require a low level of DC to work. I
surmised that this DC was getting into the radio's audio via shield.
This seemed to work and bypassing is also recommended.

>
>>
>>I have a big problem since I bought a Kantronics All Mode.
>>When the HF port of my KAM is connected to ACC2 of my Kenwood TS-850 I
>>try to talk on HF on USB or LSB mode with the transceiver and my output
>>voice is not clear !!! I must disconnect the KAM from the TS-850 and the
>>output voice is clear...
>

2844. Re: Best 1.5KW HF AMP?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: l38217@alfa.ist.utl.pt
Message-ID: <4gsrhp$b4o@ci.ist.utl.pt>
Source record: 205138

John T. Young (jtyoung@u.washington.edu) wrote:
: What's the best legal limit HF linear amplifier for use with a
: contemporary transceiver (e.g. TS-850, 870, 950, etc.). Which are the
: most trouble-free? What are the best tubes to look for in an amp? Which
: are the best used amps to look for, and at what price? Which amps are to
: be avoided? Which give you the best value per watt? How does the Tl-922A
: compare with Ameritrons or SB-220 or Henrys or Alphas? etc. I'm most
: interested in SSB operation on 20 mtrs, by the way, but also do some SSTV
: (very different demands, I know!). Many thanks for pondering these
: questions. 73 de John, KI7JB. <jtyoung@u.washington.edu>.

If you really want the BEST
Then you must be talking about ETO ALPHA87A

... It's just PERFECT !!!
The only problem ist the $$$$$

Still there is also Amp Supply, it does have not full but
semi-automatic tunning, and much more power (about 2.4K at
maximum peak I think it exceeds the Leg Lim.)

--

Pedro Pedroso	
l38217@alfa.ist.utl.pt	CT1ELP
Eng. Electrotecnica e Comp.	Founder member of GPDX
(Telecomunicacoes e electronica)

2845. MT500 UHF What's It Worth?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: "joseph c. hawkins" <claven.den.mmc.com>
Message-ID: <4gsmtl$dlk@tel.den.mmc.com>
Source record: 205139

Our Service Has three, No longer needed. (2) 4 channel and (1) 8 channel, Currently set up for MED channels. Any Idea what they are worth?

2846. Pager Problems

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: "joseph c. hawkins" <claven.den.mmc.com>
Message-ID: <4gsq7t$emt@tel.den.mmc.com>
Source record: 205140

Does anyone have any info (schematics) on Pagecom or Minitor II pagers?
Our Vol service has several in need of repair and any info would be
appreciated.

Thanks
Joe

2847. Re: WANT ORIGINAL PRICE ON AMP SUPPLY LK500-NTC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: mai@iquest.net
Message-ID: <DnE6rn.948@iquest.net>
Source record: 205141

Gary Davidson <reporter@sparc1.castles.com> wrote:
>I have just obtained an excellent used Amp Supply LK500-NTC amp, I
>believe the company is now out of business, but would like to know what
>this particular model sold for new. Please respond thru this group -
>thanks!
>
>--
>Gary... KJ6Q... I am the NRA | Annoy a Liberal - say NO to gun control!
>========================== | Annoy a Democrat - say BYE BYE CLINTON!
>"Did you come here to *LEARN*|================================
>or to nose around, make rude | "It's *EASY* to be a liberal, it's
>noises & provide proof our | OTHER people's money you are giving
>educational system stinks?" | away! (or living off of!)
>
>
The LK500 had some 'updates' (read 'fixes for defects') and went through some trying times. The basic unit started a about $1,095, and I recall the No Tune option rang the register at about $1,395 - then the revised issue went up around $1,595.

the Amp Supply Co, (later known as Amp Int'l) was the rebound firm of Denny Hadd, after he went bankrupt with Dentron. BTW, parts and service are still available via Bill Edwards, ex-Amp Supply employee in North Carolina. I've had a few, still have a 500ZC sitting on the shelf. If you understand the holes in these boxes (& keep spare parts handy) they aren't a bad basic amp.

Good Luck with your prize ; ')

Patrick WB9IQI

2848. Yaesu FT-530 1750 Tone Mod for European Repeaters?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: sutliff@crd.ge.com
Message-ID: <4gssdg$ef6@rdsunx.crd.ge.com>
Source record: 205142

I would like to know what is necessary to make FT-530 generate
necessary tones for common european repeaters.

I appreciate your help.

John
KB2WFW
John Sutliff

2849. icw31 mods 1750 hz tone

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: you@somehost.somedomain
Message-ID: <4gskjq$3nt@calvin.risq.qc.ca>
Source record: 205143

Next year I'm going to europe, I look to buy a ic-w31a usa version. Do a modification is possible to have the 1750hz burst tone? For my mobile yaesu 2400 It`s only a jumper to change but for ic-w31a I don`t found any mods info...

thanks

Christian Heroux
ve2-hcq

herc2505"

2850. Re: Trio-Kenwood 599 Line

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: choffman@pelican.davlin.net
Message-ID: <DnEA7t.Eor@abs.net>
Source record: 205144

Sure. I hve a Trio 599 Custom Deluxe receiver on the air. It has a very hot receiver on the lower frequency bands. I dont have the transmitter.

Siegfried Rambaum <siram@light.lightlink.com> wrote:

>Just curious, if someone out there still runs it :)

2851. Re: What ever happened to...RDF

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: choffman@pelican.davlin.net
Message-ID: <DnEAEn.F25@abs.net>
Source record: 205145

I have a Dick Smith Electronics RDF kit which uses four verticals in a doppler rotation. Have one of the kits still unbuilt in the original box too. Also have a marine RDF antenna in rebuildable condition on a short fiberglass pole as well. The ESE RDF uses your marine or two meter amateur fm receiver...not to transmit into them!
73 Ric K5SBU

editz@eskimo.com (Roger N. Hoffeditz) wrote:

>Marine RDF's seem to have gone by the window of time. Everytime I go to
>a boat show, I always ask for them. The answer seems to be "If you had
>one today, you could sell it for a lot of money". 'Seems all the old
>ones were scarfed up by commercial fisherman. I understand someone
>produces one for a very large price, but not for me.
>I was thinking that someone could design a signal analyser independent
>of the radio, and display the info on an LCD screen; sell a couple
>hundred and make out really good!

2852. Re: HARVEY WELLS TBS-50C 3.5-144MHZ XMTR with 807 Tube

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: choffman@pelican.davlin.net
Message-ID: <DnEAI5.FCv@abs.net>
Source record: 205146

I have a Harvey Wells BandMaster also and would like to get a copy of
the book if you get one. 73 Ric K5SBU

aust@gandalf.sp.TRw.COM (Mike Aust) wrote:

>I went to a local ham swap meet and found an old
>Harvey Wells T-50C 807 Xmtr. Does anyone have a book
>on it. (Harvey Wells BandMaster Senior) TBS-50C 807 tube
> When I got into ham radio 25 years ago, when I first got
>my license had one.
> It was one of the first Tube xmtr's to cover 3.5MHz to 144MHz
>, and one of the first commercial rigs after WW2(1940's).
>I guess it was akin the the new Icom 706 (HF to 2meters) now but
>for nearly 50 years ago.(Tube version of IC-706, but 50 years ago.)
> Right now I am using as a paper weight, I put my Icom 706 on top
>of it to remind me how ham radio stuff has really progressed!
> Anyway, if anyone has a book on such an item, I would like to get a
>copy, maybe even try to get to work on HF-2meters, compare it to the
>new Icom 706, sidse by side comparison, model T vs lexus.
>thanks
>73
>Mike
>WB6DJI

2853. Re: Wanted: Crystal Source

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: choffman@pelican.davlin.net
Message-ID: <DnEAn7.Fpt@abs.net>
Source record: 205147

I have a large crystal bank; most of it is not yet sorted. When I got
it the boxes had been rained on and fell apart UNSORTing the xtals.
However I do have some sorted. You will need to give me the xtal
frequency range...do you need fundamental or overtone xtals; what kind
of case? Some elaboration would be in order...email please K5SBU Ric

mbrinkho@falcon.inetnebr.com (Matt C. Brinkhoff) wrote:

>I'm looking for a vendor (other than RS) that might have 2M or 440 ham-band
>crystals for an old Realistic Patrolman PRO-48A scanner.

>Phone numbers, prices &/or crystal freqs would be appreciated.

>Also, if you have any ham-band crystals you'd be interested in getting rid
>of, let me know.

>--
>Matt C. Brinkhoff, KB0RXC
>mbrinkho@inetnebr.com
>http://incolor.inetnebr.com/mbrinkho
>Lincoln, Nebraska [EN10]

2854. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: w7el@teleport.com
Message-ID: <4gstq5$6l5@maureen.teleport.com>
Source record: 205148
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In article <1996Feb24.105430.22651@ke4zv.atl.ga.us>,
gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>For a balanced tuner, we'd want to use hot wire ammeters, and a RF
>voltmeter that we could move along the line, to determine power out.
>The RF voltmeter would let us directly determine VSWR and give us
>a direct tuner output voltage reading. Combined with the RF current
>readings of the hot wire ammeters (one in each leg) we could then
>determine power out by cranking the formulas.

It's not obvious to me how this would work. Wouldn't we have to know the
phase angle between the voltage and current to determine the power?

Roy Lewallen, W7EL

2855. Re: TS440S shut down problem on some bands

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: bfredric@pcug.org.au
Message-ID: <bfredric.4.00227252@pcug.org.au>
Source record: 205149

In article <pj_duggan-220296134412@ngalm402.gal.nt.com> pj_duggan@nt.com (PJ DUGGAN) writes:
>From: pj_duggan@nt.com (PJ DUGGAN)
>Subject: TS440S shut down problem on some bands
>Date: 22 Feb 1996 12:41:31 GMT

>Hi Guys,

>I am having a problem with my TS440S HF Rig. It shuts down between 14.5MHz
>and 22MHz. Get no audio from speaker and 7 dots on the display. Fault
>sometimes occurs between 22MHz and 30MHz. But this seems to correct itself
>after 15 minutes of power on. Fault is present for both transmit and
>receive. Relays on the ATU board and filter board seem to function O.K. for
>the different bands including the problem ones mentioned above.

>Does any one have any ideas on the above?? or has anyone experienced
>similiar problems with Kenwoods TS440s??
>Does a workshop manual exist other than the owners handbook? If so where
>can I get one??

>73'S

>EI2HF
>EI7EEB

I have had the same problem with my TS-440. No Audio and the row of dots indicates one of the PLL's is dropping out of lock.

The first time it occured with me I sent the rig to Kenwood for repair. The rig was returned and a dry joint on the PLL board was the problem.

Most recently the problem occured again on the 14.5-22 Mhz VCO. This time it was a leaky electrolytic capacitor on the PLL board.

The 440 is known for developing unstable VCO's. Unfortunately the problem is not confined to one component. The best advice I can offer is to get hold of a service manual and carefully measure the voltage values etc that it describes for each VCO on the PLL board. If you can narrow the problem down to a few components it is pretty easy to test each of these. Be warned though, the service manual I have is full of errors and made the investigation process longer than it should have been.

First thing I would look for is a dry joint. The solder job on my PLL board was terrible. At least the PLL board comes out of the rig easily despite the myriad of cable connections (they only reconnect the one way so dont be daunted by their complex appearance).

Good Luck

Brian VK1BF

2856. Heath SM-150A manual/schematic wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: Dave Donkers <donkers@aps.anl.gov>
Message-ID: <313225CD.6FDB@aps.anl.gov>
Source record: 205150

Greetings --

I am looking for a copy of the schematic or manual for a
Heath/Schlumberger Model SM-150A Frequency Counter,
vintage mid-1970's (from datecodes on chips).

Please reply with source or, if you have one, will pay
copy/postage/fax costs. I am also able to recieve scanned images.

TNX, 73s de Dave N9FLA

2857. Re: Yaesu FT-530 cloning?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: paulc@fc.hp.com
Message-ID: <4gt29s$m13@fcnews.fc.hp.com>
Source record: 205151

Jean-Marie Houle (houlejm@ireq.ca) wrote:
: I am quite sure that these portables can be cloned using the earphone jack
: like the FT-51R but I could not find how to put it in the clone mode.

"Net wisdom" says that it is somehow possible and the factory uses some technique to restore the programming after repair, but Yaesu has not divulged any info and seems to claim it is not possible. No one else has figured out how to do it either, to my knowledge.

-Paul C. KG0CZ

2858. PACCOM 1200/9600 Packet TNC for Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: GW0ACH <lordjohn@celtic.co.uk>
Message-ID: <4gt1v4$kih@florence.scotnet.co.uk>
Source record: 205152

I hope I am not putting this article in the wrong place - if so, where should it go? Thanks.

I have a Pac-Com 1200/9600 packet TNC for sale. I want £125ono. If you are interested email or phone me. I am QTHR

Regards de LordJohn
GW0ACH

2859. Re: Looking for attenuator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: landisj@nad.com
Message-ID: <1996Feb26.133501.452@nad.com>
Source record: 205153

In article <NEWTNews.825310863.19568.rroberts@rroberts.mcs.com>, rroberts@mcs.com writes:
>
> Greetings,
> I am looking for an active attenuator to be used on two
> meters. When I am foxhunting, I get swamped whenever I
> get close to the fox. I am using a KAY unit, and that
> works ok until I get close, then I get swamped. I have
> been told that I need the active attenuator so that I can
> hook it up to the beam and then adjust it so I can get
> closer before I get out with the ground gear. I have tried
> using a talkie with no duck, but not much luck.
>
> I am looking for something already made up as I have had
> no luck with kits.
>
> Any help would be appreciated.
> Replies to:
> rroberts@mcs.com or rroberts@sigg.com
> Thanks
> 73
> Rich - KA9MAB

Hi Rich,
Get to a hamfest and find a couple of used BNC inline 10 and 20db instrument
grade attenuators as made by HP, Texcel, and Weinschel(?). $10 ought to buy
a couple of them. These are FIXED, but they are rugged, reliable and easy to
swap in and out. You can get them with type N connectors too but it sounds
like you want BNC.

Joe - AA3GN
--
Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
landisj@nad.com ..speaking only for myself, of course..

2860. AZDEN PCS 3000 dead display

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: "Michael A. Rutkaus" <mrutkaus@shentel.net>
Message-ID: <31321444.3306@shentel.net>
Source record: 205154

Hi, has anyone had this problem and fixed it? I have the schematic but thought there might be some experience out there I could use. . .

Thanks
Mike, K4QET

2861. Re: WANTED: ICOM T21A & IC-2000H mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: Bob Fritz <rfritz@qualcomm.com>
Message-ID: <4gt9ji$dtq@qualcomm.com>
Source record: 205155

ARTSCI publishes a very nice series of illustrated books that describes the mods and their effects. I used for my ICOM 2000 change and it worked fine.

I recommend it as a source.

2862. Kenwood TK 220

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: robertso@csc.mc.edu
Message-ID: <4gt9s4$oqr@csc.mc.edu>
Source record: 205156

I would like to obtain some info. on the Kenwood TK 220 radio. As of right now, I do not know anything.

What frequencies does it cover? How many channels does it have? Does it have PL capabilities? What is the power output? How much is a used one worth? Is it durable? How old id the model? etc. etc. etc.....

Any info. would be appreciated. Thanks.

--
| Chad Robertson | http://www.mc.edu/ | |
| | ~robertso | e-mail: robertso@mc.edu |

2863. JPS Noise Filter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: hwolfla@iquest.net
Message-ID: <4gtaps$hc4_001@ind-009-237-99.iquest.net>
Source record: 205157

I am looking for any one who has the JPS Noise Filter. QST seems to like it, and I am wondering if anyone has used it. Thanks, Hank Wolfla K9LZJ

2864. Re: icw31 mods 1750 hz tone

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: you@somehost.somedomain
Message-ID: <4gtcb6$71u@calvin.risq.qc.ca>
Source record: 205158

In article <4gskjq$3nt@calvin.risq.qc.ca>, you@somehost.somedomain says...
>
>Next year I'm going to europe, I look to buy a ic-w31a usa version. Do a
>modification is possible to have the 1750hz burst tone? For my mobile
>yaesu 2400 It`s only a jumper to change but for ic-w31a I don`t found any
>mods info...
>
>thanks
>
>Christian Heroux
>ve2-hcq
>
>herc2505@ele.etsmtl.ca

>

2865. Key jack placement...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: yee@mipg.upenn.edu
Message-ID: <YEE.96Feb26175915@picard.mipg.upenn.edu>
Source record: 205159

I note that the key jack on many if not most commercial HF rigs is on the back of the rig. The phone and the mike jacks are on the front. In my musings, it occurs to me as if user controls/connections belong on the front of the rig. Controls and jacks that are for rig setup and adjustment should be in the back. By this reasoning, the key jack should be in front. From the point of view of the manufacturer, is CW such a un-used mode that it is a good idea to relegate the jack to the back?

--
| 73 de Conway Yee, N2JWQ | DON'T
| EMAIL : yee@mipg.upenn.edu | TREAD
| TELEPHONE : | ON
| FAX : | ME!

2866. Military Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: "alex@hic.net" <alex@hic.net>
Message-ID: <4gqu0h$7rt@news.hic.net>
Source record: 205208

I am looking for a newsgroup or area that focuses on Military stuff. I have found one or two Web Sites but they handle Clothing and Hardware. I am looking for a Military Global Positioning System (hanheld) and a couple of radios like an AN/PRC 113 or proteus. If you know of an area I can start to look please drop me mail at alex@hic.net

Thank You,

Alex

2867. Re: TEN TEC CRITIQUE REQUEST

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-26 00:00:00 UTC
From: timcook@erinet.com
Message-ID: <4gqv4e$4pf@eri2.erinet.com>
Source record: 205209

tcnic@newnorth.net (Craig Nicholson) wrote:

>Does anyone have experience with the Ten-Tec Scout II and have complements or criticism regarding it?
>Also looking for complements or criticism of the Ten-Tec Delta transceiver.

>Please send email to tcnic@newnorth.net. Thanks in advance.

>--Craig

don't know about the Scout, but I had a Delta II and can say it is a
very very good radio. The jones filter is unique and works excellent
on both SSB and CW. The radio probably has the best QSK I have ever
used, Including the Omni6, Paragon, and a multitude of Japanese
radios. Nice tx/rx audio and the noise blanker actually works...
for what its worth.....
TIm

2868. SALE: Drake UV3 tri-bander

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: "E.W. Robitaille" <ewr2@apc.net>
Message-ID: <3133875A.3972@apc.net>
Source record: 205010

I have for sale a Drake UV3 tri-bander (2m-220-440). This unit is in perfect condition, and come with the following accessories:

1- Matching Drake external speaker
2- Mobil mounting bracket
3- Remote mounting bracket
4- Comet tri-plexer (Brand new in bag, never used)

$400 takes it all! EWR2@APC.NET

2869. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: Gary Davidson <reporter@sparc1.castles.com>
Message-ID: <4gtrdg$6ht@miwok.nbn.com>
Source record: 205068
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

n7ws@azstarnet.com (Wes Stewart) wrote:

>We could say that but it wouldn't be true. We just can't wish away this issue.
>If you want to ignore it, have at it.
>
>Wes -- N7WS

VERY well, I *WILL!* All the many "intellectual" posts on this issue have
YET to come up with even a GUESS as to power loss thru a tuner. Is it
5%, 10%, WHAT?
Instead, there are an abundance of THEORIES on POSSIBLE ways a person
might come up with a figure, and that's about it. If a person has a
serious mismatch in his feedline, greatly reducing his power output from
his rig, improving the match using a tuner will result in a happier rig,
greater output, and the resulting loss created by the tuner will be
rather inconsequential compared to the benefit provided. Assuming a
100 watt class rig, reduced to, say, 30 watts into a poor match,
which is then improved to 100 watts with the aid of a tuner, even if
the tuner introduced a 10% loss, it would STILL improve total output
by 60 watts, or about 4 db! This issue was not aimed at the obvious need
to design antenna systems to operate WITHOUT tuners, so no point in
fussing about THAT!
Lose sleep over the exact watts lost in providing a proper match to the
rig? Not me!

--
Gary... KJ6Q... I am the NRA | Annoy a Liberal - say NO to gun control!
============================ | Annoy a Democrat - say BYE BYE CLINTON!
"Did you come here to *LEARN*|==================================
or to nose around, make rude | "It's *EASY* to be a liberal, it's
noises & provide proof our | OTHER people's money you are giving
educational system stinks?" | away! (or living off of!)

2870. Service Manual Required..Yaesu FTDX400

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: bubman@serix.com
Message-ID: <960226.205717.22374@banshee.uunet.ca>
Source record: 205069

I require a service manual for a Yaesu FTDX400
If you have one available for sale or don't mind making a copy, please
fwd a message.
I will pay for manual or copying and any postage.
Thank You
Tony
bubman@serix.com

2871. Service Manual Required..Kenwood TS700S..

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: bubman@serix.com
Message-ID: <960226.210244.22482@banshee.uunet.ca>
Source record: 205070

I require a service manual for a Kenwood TS700S
If you have one available for sale or don't mind making a copy, please
forward a message.
I will pay for manual or copying and any postage.
Thank You
Tony VA3CQ
bubman@serix.com

2872. IC-2000H mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: Daniel Jerome <102767.3103@CompuServe.COM>
Message-ID: <4gtlt3$951$1@mhadg.production.compuserve.com>
Source record: 205071

I just purchased an ICOM 2000H, and am interested in any
modifications for this rig. Could someone tell me where to find
any? (I've already tried oak.oakland.edu)

Thanks in advance,

Dan Jerome
102767.3103@compuserve.com

2873. Mod for FT-726R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: sba3020@InfoNET.st-johns.nf.ca
Message-ID: <4gu525$ais@coranto.ucs.mun.ca>
Source record: 205072

Wanted a frequency mod for the yaesu ft-726r all mode tribander.
Anyone else have this radio and can give me any opinions on using
it. I was told of a frequency mod for the 430 MHz band module
to operate on 440 MHz. Looked at the WWW mod sites and could not find
it. Anyone else hear of this mod? Also looking for the 50 MHz and
440 MHz band modules. Will the band modules from a FT-736R work
in the FT-726R?

If you know of the mod to use the FT-726R on 440 MHz using
the 430 MHz band module please post what site it's at or E-mail
me the details.

How would anyone compare the Ft-726R against the FT-736R besides
it having CAT and 1200 MHz band option?

2874. Re: HT w/ RX to 475 MHz

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: behrens@ita.fhg.de
Message-ID: <4gucpv$b3o@news.fhg.de>
Source record: 205073

lui@netcom.com (Stephen Lui) wrote:

>I'm looking for a HT which can receive up to 475 MHz; the local police
>frequency is 474.1375. The HT's I've looked at only recieve up to 470 MHz.
>Can any of these be modified to recieve up to 475 MHz?

>Any suggestions for a dual-band HT in general?

>Stephen

The Yaesu FT-41R HT can receive up to 480 MHz (PLL-locking).

73 Volker, DL6OBU

Volker Behrens

behrens@ita.fhg.de

2875. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: little@pecan.enet.dec.com
Message-ID: <4gu8i4$oib@usenet.pa.dec.com>
Source record: 205074
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In article <4gtrdg$6ht@miwok.nbn.com>
Gary Davidson <reporter@sparc1.castles.com> wrote:

> n7ws@azstarnet.com (Wes Stewart) wrote:
>
>>We could say that but it wouldn't be true. We just can't wish away this issue.
>>If you want to ignore it, have at it.
>>
>>Wes -- N7WS
>
> VERY well, I *WILL!* All the many "intellectual" posts on this issue have
> *YET* to come up with even a GUESS as to power loss thru a tuner. Is it
> 5%, 10%, WHAT?
> Instead, there are an abundance of THEORIES on POSSIBLE ways a person
> might come up with a figure, and that's about it. If a person has a
> serious mismatch in his feedline, greatly reducing his power output from
> his rig, improving the match using a tuner will result in a happier rig,
> greater output, and the resulting loss created by the tuner will be
> rather inconsequential compared to the benefit provided. Assuming a
> 100 watt class rig, reduced to, say, 30 watts into a poor match,
> which is then improved to 100 watts with the aid of a tuner, even if
> the tuner introduced a 10% loss, it would STILL improve total output
> by 60 watts, or about 4 db! This issue was not aimed at the obvious need
> to design antenna systems to operate WITHOUT tuners, so no point in
> fussing about THAT!
> Lose sleep over the exact watts lost in providing a proper match to the
> rig? Not me!

Your numbers make the argument look like trying to debate how many
angels will fit on the head of a pin. On the other hand, it is easy to fabricate
equally plausible numbers that don't make the debate look so trivial. The
real issue is getting an understanding of the problems, trade-offs, and
solutions involved. An informed decision in setting up a station is
far better than a guess based upon myth, folklore, or intuition.

Trivializing the issue is like hoping it will go away. It allows people to
sell antennas that have resistors in them because they provide a good
match. It allows others to look at the wattmeter in their tuner and
believe their rig is putting out 200 watts, when in fact it is only
100 watts. Does it matter whether a "guess" can be made or not?
That sounds to me like trying to guess whether all dipoles are good
antennas without knowing their construction, installation, orientation,
ground conditions, intended use, etc. If someone guessed and said
that a tuner loses 10%, would that be meaningful? Probably not as

some would likely lose 1% and others 90%.

Designing from ignorance is what lets people believe they have
a great antenna system because it covers all of 80 meters with
less than a 2:1 SWR. The fact that the Q of the antenna is so low
which is what is giving it the broadbanded behavior and that as
a result their radiated signal is nil, doesn't even come up without
some knowledge of how or why things are the way they are.
A dummy load provides a great match at a very wide range
of frequencies, but it doesn't make much of a radiator. ;-)

Feel free to ignore the issue. I don't believe anyone is losing
sleep over this, but that doesn't mean it is pointless to discuss.

73,
Todd
N9MWB

2876. IC-706 Mods for sale? (Packet fwd)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: at738@FreeNet.Carleton.CA
Message-ID: <DnF7J6.M6I@freenet.carleton.ca>
Source record: 205075

I found this while reading the local packet messages. I thought this might be some interest around here. Since there has been so much talk about the mods to the IC-706 and what not. What I find funny is someone is asking cash for the mods when you can find most if not all on here. How many more mods could there be besides whats been said here? Anyways heres a copy of that message.

From : NT0W
To : INFO@USA
Date/time : 25-Feb 14:41
Title : IC-706 MODS SOURCE
From: NT0W@KD9SG.#SIL.IL.USA.NA
To : INFO@ALLUS

HI AND THANKS FOR READING THIS. THERE IS A COMPANY OUT THERE THAT SELLS A BOOKLET ON MODS FOR THE IC-706 RADIO. THE NAME OF THE COMPANY IS ARTSCI, 818-843-4080 (AFTER 3 PM CST). THEY SELL A BOOKLET FOR LIKE $19 PLUS SHIPPING, THAT CONTAIN SOME MODS FOR THE IC-706, SUCH AS INCREASE TRANSMIT AUDIO, EXTENDED FREQ COVERAGE (XMT/RCV) FOR 1-8-54 MHZ AND 118-172 MHZ. ETC.
I THOUGHT THAT I WOULD PASS THIS ALONG. THEIR ADDRESS IS AS FOLLOWS:
PO BOX 1428
BURBANK, CALIFORNIA (SRI I MISSED THE ZIP CODE, BUT YOU CAN LOOK IT UP).
FYI
CHRIS

--
David Toste [VE3TOS] Internet - aa521@freenet.toronto.on.ca
Don Mills, Ontario. SWLOGit - The Ultimate Shortwave Listeners
ftp.virginia.edu /pub/swlogit/ Software. (Fidonet: 1:250/930)
NEW http://www.interlog.com/~saturn/SWLOGit.html (SWLOGit Web Page)

2877. New RS rig?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: jrw4@ix.netcom.com
Message-ID: <4gucu6$a27@reader2.ix.netcom.com>
Source record: 205076

Anybody heard anything about the new HTX-242? I's been assuming it was a dual-band mobile, but a RS store manager told me today that it's simply the HTX-212 with a new model designation & catalog number! Anyone know the facts?

-73
JRW4
aka KB5ZBR

2878. Wanted Documentation of PRM 4051

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: mamoman@xs1.xs4all.nl
Message-ID: <4guehh$i3a@news.xs4all.nl>
Source record: 205077

Wanted: Documentation of the :

PRM 4051
made by Racal Mobicall Ltd.
Transceiver 2-12 Mhz..

Thnx Martin

2879. 4sale-TNC's PK-88 just back from AEA ! $80.00 each

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: mvangel@mvangel.com
Message-ID: <4gur5t$ikp@caesar.ultra.net>
Source record: 205078

I will split the freight. The tnc's are just back from a complete checkup
at AEA and I will include a copy of the receipt from AEA to prove this.
mvangel@mvangel.com
ka1thm@ka1thm.ma.usa.na
508-998-6990

2880. 4sale-Alinco 410 440 mobile $195.00

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: mvangel@mvangel.com
Message-ID: <4gurbi$ikp@caesar.ultra.net>
Source record: 205079

Freight not included. This mobile unit has a sticky power switch to be repaired but always turns on. It is in excellent operating condition other than the power switch.
mvangel@mvangel.com
ka1thm@ka1thm.ma.usa.na
508-998-6990

2881. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <4guqea$4kfe@info4.rus.uni-stuttgart.de>
Source record: 205080
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In article <31328D67.27B2@athena.csdco.com>,
Richard Kiefer <kieferr@athena.csdco.com> wrote:

>1. Tune a tuner to its operating point to match a tranmitter to an
>antenna.
>2. Then, disconnect the tuner and measure its complex input impedance
>with its output open.

Richard,

It is easy to show that your method does not work:
Imagine someone had incorporated (without your knowledge) a resistor
in your tuner just before the output connector in series with the
coax inner, you would not detect its losses, because it carries no current
when the output is open circuit.

The way around is to measure all four scattering parameters, if you want a
result more accurate than what can be got from a reflectometer.

73, Moritz DL5UH

2882. Nevada TM1000 ATU ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: Paris Michael Andreou <pma@doc.ic.ac.uk>
Message-ID: <4gusf2$ejn@frigate.doc.ic.ac.uk>
Source record: 205081

Dear all,

Has anybody know/used the Nevada TM1000 ATU?
If so,can you let me know some details?
In particular: 1. General performance
2. Real power handling!
3. Componets used (is it a T-network? does it use a roller
coaster?)
Thanx in advance, I look forward to some replies.

Please reply to pma@doc.ic.ac.uk

Thanx,

Paris 5B4XF / G0WUT

2883. Re: Ford Motor Noise Problem number

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: ctoriger@starbase.neosoft.com
Message-ID: <4gv13j$96m@uuneo.neosoft.com>
Source record: 205082

Don Scippa (smokey@mail.netwalk.com) wrote:
: The TSB is 95-11-3
: Part number is F1PZ18B925A
: Price is $56.36
: It takes about 2hrs to install, so it shoud not cost much more than $200.
: for the whole job. I have not as yet gotten around to doing it but i hear
: that it works wonders.

: 73 fer now
: Don KG8KA
Hi,

It was my understanding that this was warranty (or rather a sort of recall) work; supposed to be free.

Chris

2884. WANTED: ICOM T21A & IC-2000H mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: mlamb@sunny.ncmc.cc.mi.us
Message-ID: <4gv25h$dej@srvr1.engin.umich.edu>
Source record: 205083

Please email mods to mlamb@sunny.ncmc.cc.mi.us. Thanks!

73, KB8VBA

2885. Re: IC-706 Mods for sale? (Packet fwd)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: Carl Estey <cestey@HBC.Honeywell.com>
Message-ID: <313315F9.4CF0@HBC.Honeywell.com>
Source record: 205084

David Toste wrote:
[much removed ....]
> What I find funny is someone
> is asking cash for the mods when you can find most if not all on here.
> How many more mods could there be besides whats been said here?

Dave - all I have seen recently is lengthy editorials as to why out-of-band mods should not appear here. Since I just bought a 706 I am searching for these mods and would appreciate copies if you kept files. Out-of-band mods are not of particular interest so the ethicists can relax.

Thanks.

Carl WA0CQG

2886. Sale: Motorola UHF Micor 100/Watts

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: osgood@gandalf.sp.TRw.COM
Message-ID: <9602271558.AA13636@noldor>
Source record: 205085

```
-.-. --.- .-.. .. -.. --..-- -.-. -... . .-. . .-.
???? :-( ???? :-{ ?????? ----> ... - ..- .. -.. -..
-. --- -.-. --- -.. . .-. !!!!
:-{ !!!!
```

2887. Re: Plantronics telco Starset conversion?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: reid@indiana.edu
Message-ID: <19960227110007.reid@frank_reid.electronics.indiana.edu>
Source record: 205086

In Article <leber-2602962112110001@philly347.voicenet.com> "leber@voicenet.com (Tom Leber)" says:
> Anyone out there ever adapted a Plantronics StarSet telephone headset for
> use with radios? I have two of these, and I'd love to modify them for use
> with HTs. They look identical to the type used by pilots & air traffic
> controllers, with the exception of the plug box/adapter (and they're beige
> instead of black).
> --
> Tom Leber N3QKV <leber@voicenet.com> - Wyndmoor, PA USA
> "Smother technology and it rebels." - Max Headroom
>

Plantronics headsets have "simulated carbon" mikes, i.e., they use a dynamic mike with a preamp which is powered by microphone bias current from the transmitter. Starsets (tm) will work with most h-t's without modification other than adding the necessary connectors, and a push-to-talk switch in series with the mike preamp leads if there is none already. Polarity is unimportant: they are designed to work with telephone equipment, and contain current-steering diodes.

Most are supplied with long, unshielded curly cords with dual 1/4" phone plugs at the end. The tips are the mike circuit, the sleeves are the earphone. You may want to replace the long cord with a multiconductor shielded cable to prevent rf feedback.

If you are right-handed, wear the headset on the left or else you'll forget it's there, try to eat something, and bite the tip of the voice tube.

The end of the voice tube should be located at the corner of your mouth, not in front of the lips, else there will be unpleasant puffing sounds in your transmitted audio.

--

Frank reid@indiana.edu W9M

2888. [Q] Frequency of Jupitor emissions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: gherbst@msn.com
Message-ID: <NEWTNews.825458061.6693.Postmaster@GGHERB.MONSANTO.COM>
Source record: 205087
Cross-posted to: sci.astro.amateur,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.antenna

Hi All:

Anyone know what frequence emissions from Jupitor may
be picked up on. Also, is there equipment that can
be bought or built cheaply to do such. As I recall I thought
I saw mentioned in a trade rag 18Mhz - 22Mhz...

Thanks,

Gary-

2889. demodulators

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: emichelson@nwu.edu
Message-ID: <4gvb7r$54a@news.acns.nwu.edu>
Source record: 205088

I am interested in learning more about inexpensive demodulators for converting FSK, RTTY, WEFAX, ACARS, etc. I understand there are inexpensive units that take a line audio output from my SW rig to a demodulator then to a PC to read the output.

One person reccomended a Microteck device for $99.00. DOes anyone have experience with this or other such devices? Also, how hard would it be to build one? Are there kits or plans published for doing this?

I have a SONY SW100S receiver and also a HP100 LX palmtop. Would be interesting to use a small demodulator to read CW, RTTY etc on the palmtop.

--
Edward A. Michelson
Northwestern University, Evanston, IL. USA
emichelson@nwu.edu

2890. TS140S vs FT840

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: Andre Brandao <l42303@alfa.ist.utl.pt>
Message-ID: <4gvemv$cth@ci.ist.utl.pt>
Source record: 205089

I am a SWL station and soonly an Ham station so Im thinking to
buy one of the following radios: TS140S or FT840.
I would like you to help me in my choice.
Please send an E-mail message to l42303@alfa.ist.utl.pt
Thank you very much, 73! Andre Brandao

2891. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb27.171924.7810@ke4zv.atl.ga.us>
Source record: 205090
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In article <4gstq5$6l5@maureen.teleport.com> w7el@teleport.com (Roy Lewallen) writes:
>In article <1996Feb24.105430.22651@ke4zv.atl.ga.us>,
> gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>
>>For a balanced tuner, we'd want to use hot wire ammeters, and a RF
>>voltmeter that we could move along the line, to determine power out.
>>The RF voltmeter would let us directly determine VSWR and give us
>>a direct tuner output voltage reading. Combined with the RF current
>>readings of the hot wire ammeters (one in each leg) we could then
>>determine power out by cranking the formulas.
>
>It's not obvious to me how this would work. Wouldn't we have to know the
>phase angle between the voltage and current to determine the power?
>
>Roy Lewallen, W7EL

Yeah, we do. We need another bit of information to get that don't
we? If we knew the terminating load impedance, we'd be home free,
but we don't know that. We discovered the voltage peak with the RF
voltmeter, but we need to find the current peak too. Then the phase
angle can be determined by the length of line between the two peaks.
Looks like we need a current probe, can be relative, that we can
move along the line too. That could be as simple as a NE-2 and
a small loop, mounted on a wooden stick we could move along the
line. Or we could get fancy and use a split ferrite, a diode,
and a meter.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2892. S-COM Repeater Controllers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: Dave Maciorowski <wa1jhk@ix.netcom.com>
Message-ID: <4gveoe$3jf@reader2.ix.netcom.com>
Source record: 205091
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.swap

S-COM has just opened an e-mail Discussion List to support its line of
Repeater Controllers and Accessories. This promises to be a good
place to ask questions and read announcements of new products.

To subscribe, send an e-mail message to majordomo@rmsd.com. In the text
of the message, type the line "subscribe scom" (don't type the quotes).
You will get back a confirmation message.

They also have a new Web page at http://www.rmsd.com/scom/

Dave Maciorowski, WA1JHK
Colorado Repeater Association, Inc.
Serving Colorado with Voice and Data, 6-Meters to 1.2 Gig

Internet: wa1jhk@ix.netcom.com or wa1jhk@amsat.org
CRA: http://www.rmsd.com/hamradio/cra/cra_news.html

2893. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: Cecil Moore <cmoore@sedona.intel.com>
Message-ID: <4gveku$k9l@chnews.ch.intel.com>
Source record: 205092
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

Gary Davidson <reporter@sparc1.castles.com> wrote:
>With all the fuss over technical aspects of power loss thru an antenna
>tuner (FEEDLINE TUNER!), couldn't we just sidestep all the BS by just
>stating that a well designed tuner, operating properly, will consume
>*NEGLIGIBLE* power. so little as to be difficult to measure, and
>IMPOSSIBLE to detect at the receiving end?

Hi Gary, if well designed *balanced* tuners were readily available, this thread would probably be moot. How many hams do you think use the following configuration?

Xmtr---unbalanced----balun----ladder-line----non-resonant length
tuner balanced antenna

This is the configuration some of us are worried about. IMO the tuner function should be moved to the ladder-line side of the balun implying balanced tuning techniques including balanced tuners, stubs, and/or parallel or series reactances.

73, Cecil, KG7BK, OOTC (not speaking for my employer)

2894. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: dstock@hpqmdla.sqf.hp.com
Message-ID: <DnG2x9.4HJ@hpqmoea.sqf.hp.com>
Source record: 205093
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

Roy Lewallen (w7el@teleport.com) wrote:
: In article <1996Feb24.105430.22651@ke4zv.atl.ga.us>,
: gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

: >For a balanced tuner, we'd want to use hot wire ammeters, and a RF
: >voltmeter that we could move along the line, to determine power out.

: It's not obvious to me how this would work. Wouldn't we have to know the
: phase angle between the voltage and current to determine the power?
: Roy Lewallen, W7EL

Hmm, well, if he could slide the ammeters AND the voltmeter along the line and find the positions of the respective maxima, and know the length to the load end as well, he can get the velocity factor from the distance between current and voltage maxima, then get the reflection phase shift from the distance between a maximimum and the end.

It could be done, but I can't imagine anyone would want to do it this way.

I think I'd build myself a vector voltmeter before I got desperate enough to use lecher lines on a regular basis

Cheers
David

2895. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: macino@mail.fwi.com
Message-ID: <4gvant$t4u@news.fwi.com>
Source record: 205094
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In <4gfk3h$ktd@nntp.netside.com>, k4kxo@netside.com (Kenneth Ferguson) writes:
>Theoretically, an antenna tuner does not dissipate power, de k4kxo.
>macino@mail.fwi.com wrote:
>
>>In <4g2j6u$12e1@chnews.ch.intel.com>, tom_boza@ccm.ch.intel.com (WB7ASR) writes:
>>>How can you tell how much RF power an antenna tuner is consuming
>>>when in use?
>>>
>>>Is this a trick question? How about putting a wattmeter just in front of it, measure
>> the power in, then put the wattmeter on the output side and measure the power
>> out. The difference should be WATT your loosing in the tuner.
>
>> 73's WD9AHF - Jim
>
>

Ken,

Theoretically, a bumble bee can't fly.

Jim

2896. Re: MT500 UHF What's It Worth?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: zawodny@primenet.com
Message-ID: <4gvapu$g6b@nnrp1.news.primenet.com>
Source record: 205095

"joseph c. hawkins" <claven.den.mmc.com> wrote:

>Our Service Has three, No longer needed. (2) 4 channel and (1) 8
>channel, Currently set up for MED channels. Any Idea what they are
>worth?

Joseph,

Judging from the recent ham fest prices I've been seeing,
I would have to say, about $8.00 a pound:-/

Ragards,
Dave , WD8DZB

2897. Looking for comments re FT-1000MP & TS-870S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: adam@tbsa.com.au
Message-ID: <4guq0r$ni5@news.tbsa.com.au>
Source record: 205096

Howdy!

I'm considering the purchase of a new HF box with DSP at IF.
Has anyone got a TS-870 or FT-1000MP?
What do you like about it?
What do you hate?

Has anyone actually done an A/B comparo between these two???

I wonder when the manufacturers are gonna give us a high-end
DSP box with 6MX coverage as well? (This is one band where you
need all the wiz bang features - I reckon!)

Please email me.

73,
Adam VK3ALM

2898. Radio Pages

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: asperges@innotts.co.uk
Message-ID: <31334b2b.2674972@news.innotts.co.uk>
Source record: 205097

The local server recently changed its DNS number. Some people have
complained they can't access my pages any more.

You should be able to find them under:

http://www.innotts.co.uk/~asperges/

but if not, instead try:

http://194.176.128.13/~asperges/

and it should work. This is the new DNS address.

The pages contain info of interest to Radio Amateurs, Radio
enthusiasts and Short Wave listeners.

* There are links to many other pages, newsgroups, ftp etc;
* A mock exam;
* Questions and Answers for newcomers;
* IRC links
* Links to Friends on the Net (mostly homepages involved in radio)
* The new Short Wave Listener pages with links to Broadcasters on the
Net.
* The Russian link;
* Sources for help;

There will be new updates in March.

73 de
Jeremy G4NJH
asperges@innotts.co.uk
[Home, Am Radio, SWL pages: http://www.innotts.co.uk/~asperges/]

2899. Re: How to listen below 100 kHz? (VLF question)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: U40241@uicvm.uic.edu
Message-ID: <96058.183410U40241@uicvm.uic.edu>
Source record: 205098

Also, you might check with LF Engineering: 17 Jeffry Road, East Haven, CT.06513 (203-248.8851). Their 1996 catalog includes some prebuilt stuff, e.g. L-202pcb preamp, $45. Postpaid in US, "28db amp/filter... sharp 530KHz rolloff for 1-530KHz reception...." (case extra), and L-111/PCB converter circuit board for $69. PP in US/Canada with "low impedance... dynamic range (120db typical) balanced mixer, with RF, IF, and local osc. filtering.... (for) reception below 10KHz and sharp roll-off filter (to) eliminate BC intermod...." They also sell the simpler but fun audio receivers for 'baseband' reception: e.g: L600s H-Field Loop Receiving System "directional loop design... with... sharp filtering... " Broadband/Hipass 60Hz cut filter, 63 db amp, 8KHz lowpass, 24" sq. directional loop @ 7KHz low-Q resonance, 300Hz-8KHz passband with filters. $139 PP in N. America. And LFCAD software: 40-something programs for antennas, filters, resonance conversions(?), etc. $19.
There is also the Longwave Radio Club of North America, c/o Bill Oliver, 45 Wildflower Road, Levittown, Pa, 19057. BTW, LF Engineering has an Email: 76715.2361@compuserve.com. 73, K9ZAT.

2900. ten/tec omni d ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: penny mueller <pmueller@gate.net>
Message-ID: <4gvsmo$1id2@news.gate.net>
Source record: 205099

need info on ten tec omni d hf rig 1979 .I have been offered one

for $ 300.00 .

john kf4emc

2901. Mods for Kenwood TH-79?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: rdalen@telepost.no
Message-ID: <4gvtc5$2vo@nms.telepost.no>
Source record: 205100

Does anyone have any mods for Kenwood TH-79 (E)?

I am specially interested in mods for extending the Rx without
affecting the Tx.

Any answer would be appreciated.
Please e-mail me or give me a packet mail, as I am not monitoring this
group on a regular basis.

Vy 73
de Raymond, LA7EHA

e-mail: rdalen@telepost.no
Packet: LA7EHA@LA2D.DRM.F.NOR.EU

2902. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: gary <design@thereporter.com>
Message-ID: <4h05jt$k1o@miwok.nbn.com>
Source record: 205101
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

Cecil Moore <cmoore@sedona.intel.com> wrote:

>Hi Gary, if well designed *balanced* tuners were readily available, this
>thread would probably be moot. How many hams do you think use the
>following configuration?
>
>Xmtr---unbalanced----balun----ladder-line----non-resonant length
> tuner balanced antenna
>
>This is the configuration some of us are worried about. IMO the
>tuner function should be moved to the ladder-line side of the
>balun implying balanced tuning techniques including balanced tuners,
>stubs, and/or parallel or series reactances.
>
>73, Cecil, KG7BK, OOTC

Cecil, I think the more common scenario is someone using a 100 watt class rig into a coax fed antenna of some sort, a diplole or beam, which is significantly off resonance on the band or frequency of the user. More like a dipole cut for the CW portion of 80 meters, and trying to load it up high in the phone band with the resulting 3 to 1, or higher, SWR. A decent tuner is capable of matching this load, and greatly increasing the power output of the transmitter, tho obviously the antenna itself is no better a radiator, or more efficient just because the transmitter "sees" a better match. While I personally feel this is a "standard" scenario, I have no better idea of what sort of setup the original poster had in mind than anyone else responding to the question - so why attempt to "make up" all sorts of difficult scenarios, complete with correspondingly complex ways to check out power loss, when it may simply be stated for the one ASKING the question "power loss thru a reasonably designed tuner, properly adjusted, will range from 5 to 15 percent, depending on antenna and feedline type"

Again, what's so hard about that? Why bury the poor guy with complex solutions to a simple question?

--
Gary....KJ6Q *** I AM THE NRA! ***

2903. Re: Mod for Ft-1000MP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: Scotty Neustadter <scotty@iquest.com>
Message-ID: <3133AAD9.6E76@iquest.com>
Source record: 205102

I'm a new arrival to the newsgroup scene -- what isthe mod to
the FT1000MP?

still trying to figure out how to manipulate newscape with newsgroups.

2904. Re: S-COM Repeater Controllers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: Stephen <yu119071@yorku.ca>
Message-ID: <3133D99F.6EA3@yorku.ca>
Source record: 205103
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.swap

Dave Maciorowski wrote:
>
> S-COM has just opened an e-mail Discussion List to support its line of
> Repeater Controllers and Accessories. This promises to be a good
> place to ask questions and read announcements of new products.
>
> To subscribe, send an e-mail message to majordomo@rmsd.com. In the text
> of the message, type the line "subscribe scom" (don't type the quotes).
> You will get back a confirmation message.
>
> They also have a new Web page at http://www.rmsd.com/scom/
>
> -----
> Dave Maciorowski, WA1JHK
> Colorado Repeater Association, Inc.
> Serving Colorado with Voice and Data, 6-Meters to 1.2 Gig
>
> Internet: wa1jhk@ix.netcom.com or wa1jhk@amsat.org
> CRA: http://www.rmsd.com/hamradio/cra/cra_news.htmlSubscribe SCom

2905. Re: S-COM Repeater Controllers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: Stephen <yu119071@yorku.ca>
Message-ID: <3133DB71.599B@yorku.ca>
Source record: 205104
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.swap

SubsDave Maciorowski wrote:
>
> S-COM has just opened an e-mail Discussion List to support its line of
> Repeater Controllers and Accessories. This promises to be a good
> place to ask questions and read announcements of new products.
>
> To subscribe, send an e-mail message to majordomo@rmsd.com. In the text
> of the message, type the line "subscribe scom" (don't type the quotes).
> You will get back a confirmation message.
>
> They also have a new Web page at http://www.rmsd.com/scom/
>
> -----
> Dave Maciorowski, WA1JHK
> Colorado Repeater Association, Inc.
> Serving Colorado with Voice and Data, 6-Meters to 1.2 Gig
>
> Internet: wa1jhk@ix.netcom.com or wa1jhk@amsat.org
> CRA: http://www.rmsd.com/hamradio/cra/cra_news.htmSubscribe SCom
I don't know whether you got my first E-Mail but I want to know whether I
can page someone through the repeater using a landline phone and putting
my own voice across it? Is this possible?

Thanks,

Shelly

2906. Re: Service Manual Required..Yaesu FTDX400

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: sharpie@serix.com
Message-ID: <960227.195914.27218@banshee.uunet.ca>
Source record: 205105

Hey Bubman
Thought you had someone on line with your manuels eh!!! Just me testing
your thread pal. Welcome to the real world of cyberspace.....
sharpie@serix.com

2907. Re: Motorola 9600 Mods Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <4gvvum$d30@abyss.West.Sun.COM>
Source record: 205106

In article <4gm556$d1l@news.wco.com>, Ed Gallup <ecgallup@mlode.com> wrote:
>In article <4gm3dv$q2g@ionews.ionet.net>,
> martvin@ionet.net (Martin T. Vinson) wrote:
>>In article <199602181434.JAA20243@ns.interserf.net>, bsager@interserf.net
>>says...
>>>
>>>Hello,
>>>
>>>We are having great difficulty finding a source containing the mods
>>>for various Motorola radios to make them 9600 baud packet capable,...
>
>>>We have access to some Radius, Maxtrac, Micor, (Motrac vhf base), Mitrek
>>>mobile units...
>
>>Unfortunately, most motorola equipment is PM as opposed to FM....This
>>means that for 9600 baud use, you will have to modify the radio.
>
> TRUE.

Well, I'm not sure I would say "most Motorolas are PM". Any Motorola
which can be equipped with DPL is almost certainly already direct-FM
capable (DPL == digital private line, very low frequency data, requires
DC response). Most Micor VHF mobiles are PM, the UHF mobiles are FM,
Mitrek and Maxar are FM. Micor repeaters are usually FM.

>>Specifically, you will need to "break in" to the channel elements
>>(where the actual oscilator is) and inject audio directly into the
>>varactor diode to achieve true frequency modulation. The reciever signal
>>can be obtained directly from the discriminator. Some of the later
>>radios, (i.e. the maxtrac) may not be usable for 9600 baud. I am not
>>sure whether they can be "fm'ed" or not.
>
> We have modified several Mitrek radios for 9600 baud use. TX audio was
>wired directly to the channel element socket, but we did not have to get
>"inside" the channel element. I suspect the same would be true for the Micor.

You're better off finding one of the 4 pin Micor channel elements and
wiring up the modulation pin than tinkering with a 3 pin channel element.
Try asking Brian Kantor about this...

> Maxtrac and Radius are synthesized radios. There is no "channel element".
>I do plan on researching putting these radios onto 9600 baud sometime maybe
>this year. I have copy of the mods for the Mitrek, (supplied by other hams)
>at work. Hopefully I can get these copied next week and send to you. Call me
>back if you don't hear from me in time. If anyone else is interested, perhaps

>I can retype these sheets and post to this group.

If you try to modify one of the synthesized radios, look for a jumper on the board to enable modulation of the PLL reference oscillator. The synthesized MCX100s offer this, for example.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *

2908. Hygain 18AVT Need Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: Earl Richardet <richardt@deepcove.com>
Message-ID: <3133CDBB.BEA@deepcove.com>
Source record: 205107

I'm having trouble with my newly acquired Hygain 18AVT vertical antenna. I can't get the SWR
below 3:1. Does anyone have the original starting measurements and or installation instructions
for this antenna?

Anxious VE7MLJ Inet Address: richardt@deepcove.com

2909. ICOM MODS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: dick furbush <rfurbush@clover.uvm.edu>
Message-ID: <4gvgk8$h82@swen.emba.uvm.edu>
Source record: 205108

WANTED: mods for Icom 02-AT to expand rx/tx into the 150 commercial and marine band.....do-able??

2910. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-27 00:00:00 UTC
From: atkes@imap1.asu.edu
Message-ID: <4gu3g7$on6@news.asu.edu>
Source record: 205109
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

Roy Lewallen (w7el@teleport.com) wrote:
: In article <1996Feb24.105430.22651@ke4zv.atl.ga.us>,
: gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

: >For a balanced tuner, we'd want to use hot wire ammeters, and a RF
: >voltmeter that we could move along the line, to determine power out.
: >The RF voltmeter would let us directly determine VSWR and give us
: >a direct tuner output voltage reading. Combined with the RF current
: >readings of the hot wire ammeters (one in each leg) we could then
: >determine power out by cranking the formulas.

: It's not obvious to me how this would work. Wouldn't we have to know the
: phase angle between the voltage and current to determine the power?

: Roy Lewallen, W7EL

Gary will probably answer this with his own reasoning, but I think he
gave enough information if you know the characteristic impedance of
your line (and it is real). If my quick calculation is correct, I get

Pout = (|V|^2/Z0 + |I|^2*Z0)* (s/(1+s^2))

where |V| is the voltage magnitude and |I| is the current magnitude,
and Z0 is the real characteristic impedance, and s is the swr.

I just calculated the sum of the forward and reflected powers:
PF + PR = .5* (|V|^2/Z0 + |I|^2*Z0)
from
V = VF+VR
I = VF/Z0 -VR/Z0
where VF and VR are the forward and reflected voltages. Substituting
into the right side of the first expression gives
VF**2/Z0 + VR**2/Z0 = PF + PR.

The SWR gives the ratio
PR/PF = ((s-1)/(s+1))**2
and you then can solve for PF and PR, and Pout = PF - PR.

Kevin w9cf@ptolemy.la.asu.edu

2911. RE: CW Filter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-28 00:00:00 UTC
From: ddubois@biddeford.com
Message-ID: <4h0frv$dat@noc1.biddeford.com>
Source record: 205011

I am looking for a XF_30C CW filter to fit on my Yaesu FT-101EE.
Please E-mail me at ddubois@biddeford.com

73 N1WFH

2912. FS Kenwood TS-520

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-28 00:00:00 UTC
From: ajarvis@ramlink.net
Message-ID: <4h0leb$ca5@ram2.ramlink.net>
Source record: 205012

>I have a Kenwood TS-520 station for sale.
>The unit is in perfect operating order.
>Will sale for $360.00 plus shipping

>you can respond via email or call for more details

>email: ajarvis@ramlink.net
>phone (606)836-6696
>work (800)950-1726 ext. 373 from 8am-5pm est.

2913. Re: [Q] Frequency of Jupitor emissions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-28 00:00:00 UTC
From: "David W. Knisely" <dk84538@ltec.net>
Message-ID: <4h0qd2$p2u@iac2.ltec.net>
Source record: 205013
Cross-posted to: sci.astro.amateur,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.antenna

Hi there. The Decameter radio bursts do not stay on a particular frequency. They are quite broad banded and move in frequency as time goes on. 22 Mhz is a good place to look, but it also has some broadcast stations on when the ionosphere is refractive to those freqencies. It is best heard on a broad band AM shortwave receiver with a directional antenna (like a Yagi or a loop) pointed at Jupiter. The emissions are very irregular, and seem to be most often observed when the moon IO is in certain positions around the planet.

David Knisely, Prairie Astronomy Club, Inc.

2914. Re: Yaesu YC-601

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-28 00:00:00 UTC
From: ddubois@biddeford.com
Message-ID: <4h0fdj$dat@noc1.biddeford.com>
Source record: 205014

I am looking to purchase an YAESU YC-601 Digital Display to compliment
my FT-101EE. Please E-Mail me at ddubois@biddeford.com

2915. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-28 00:00:00 UTC
From: gary <design@thereporter.com>
Message-ID: <4h069f$k1o@miwok.nbn.com>
Source record: 205015
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

>You are better off with an antenna that requires no tuner i.e.
>parallel dipoles, seperate antennas that require no matching etc.
>
>Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

SIGHHH - AGAIN, *OBVIOUSLY*, but that was NOT the question, and may not be practical for ALL situations. Some folks using tuners are operating from restricted locations such as apartments. Telling these folks they should be using a resonant dipole or beam 80 ft. in the air may be TRUE, but for them, totally impossible!

Stick to the subject!

--
Gary....KJ6Q *** I AM THE NRA! ***

2916. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-28 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <DnGnJz.BMG@iglou.com>
Source record: 205016
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

: be practical for ALL situations. Some folks using tuners are operating
: from restricted locations such as apartments. Telling these folks they
: should be using a resonant dipole or beam 80 ft. in the air may be TRUE,
: but for them, totally impossible!

May be but there are thousands of hams out there that have been led to believe that using a tuner and open wire feeders is more efficient. Over the years there have been many QST articles, especially back in the 70's, written by Lew Mccoy and others which claimed great and mighty things for tuners. Never was there any mention of loss in the tuner! I personally know several hams who swear that because they use open line and a tuner their signals are superior and they scoff at anyone using coax.

One fellow I know has plenty of space for resonant dipole. Instead, he snakes the ladder line up the side of his house, across a gutter then up the tower to his CF zepp. Using a $2000+, new solid state rig, he carefully adjust his tuner for a dip in the swr, meantime causing qrm while tweeking the thing up. He brags; NO COAX HERE OM!

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

2917. Kenwood TM-255A to PK232MBX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-28 00:00:00 UTC
From: kawhite@ix.netcom.com
Message-ID: <4h0mkr$ckf@reader2.ix.netcom.com>
Source record: 205017

Need information on how to connect a Kenwood TM-255A all mode transceiver to a AEA PK232MBX, using the data connector on the back of the radio.

Thanks,

Keith White
N5RVZ

2918. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-28 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb28.173004.12349@ke4zv.atl.ga.us>
Source record: 205018
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In article <DnG2x9.4HJ@hpqmoea.sqf.hp.com> dstock@hpqmdla.sqf.hp.com (David Stockton) writes:
>
> I think I'd build myself a vector voltmeter before I got desperate
>enough to use lecher lines on a regular basis

The problem with that, David, is that the vector voltmeter would need resolution even better than that required to use the Bird we were originally discussing, IE too many significant figures, at the extreme load impedances Roy was suggesting. That would cost big bucks, if it were practical to do at all. It seems better to me to take advantage of the characteristics of the existing feedline to yield the information needed without resorting to elaborate or expensive measuring equipment.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2919. Looking for linear amp info on a B2500

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-28 00:00:00 UTC
From: Don C Hamiel <hamiel>
Message-ID: <4h0n8s$bi0@news.sdd.hp.com>
Source record: 205019

I recently bought a linear amp that was dead. I bought it knowing it was dead.
I'm wondering if anyone has had any experience on this particular model.
The model is a B2500. That is all. I cant find a manufacturer or any other id.
It is a desktop model. Presummably for 11 meter. I need info and/or schematics
for the rf board.

Any help would be greatly appreciated.

thanks de Don N6NLX

2920. Re: IC-706 Mods for sale? (Packet fwd)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-28 00:00:00 UTC
From: "Michael J. Marcus" <michael_marcus@vcd.hp.com>
Message-ID: <4h28q7$476@news.vcd.hp.com>
Source record: 205020

Carl:

I attempted to reply to you, but my message was returned twice: "unknown recipient"...
Please E-Mail me if you'd like the location of the IC-707 mods.

Michael
KG7M

2921. Re: Plantronics telco Starset conversion?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-28 00:00:00 UTC
From: gkantor@intac.com
Message-ID: <DnH474.A2q@news2.new-york.net>
Source record: 205021

leber@voicenet.com (Tom Leber) wrote:

>Anyone out there ever adapted a Plantronics StarSet telephone headset for
>use with radios? I have two of these, and I'd love to modify them for use
>with HTs. They look identical to the type used by pilots & air traffic
>controllers, with the exception of the plug box/adapter (and they're beige
>instead of black).
>--
> Tom Leber N3QKV <leber@voicenet.com> - Wyndmoor, PA USA
> "Smother technology and it rebels." - Max Headroom

Tom,
I've used several of these units for radio mics. The only problem
I've experienced is that they tend to be very RF sensitive. There is
typically NO bypassing or filtering on the mic preamp and the 3 - 4
ft. cord acts as an excellent antenna!

The ones I used had the preamp in a tan box which formed the back of
the double 1/4" phone plug. It consisted of a single IC with a few
passive components. If you experience RF getting back into the mic
audio, you can first try to bypass the leads going to the earset cord
and to the plugs with ferrite beads for the appropriate frequency and
possibly lining the inside of the case with copper foil tape and
soldering it to the radio chassis ground lead. If this doesn't do it,
then you'll have to gut the mfgr's supplied preamp board and build up
one using a single transistor amplifier using proper RF suppression
techniques. (beads, shortest possible leads, etc.) If you still have
a problem, e-mail me and I'll try to make an 'ascii pic' of a
schematic I've used many times with great success.

73's
Gary, WA2BAU gkantor@intac.com

2922. Re: Sale: Motorola UHF Micor 100/Watts

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-28 00:00:00 UTC
From: tsoliver@tir.com
Message-ID: <4h0uqo$s7@ramp2.tir.com>
Source record: 205022

u spelled stupid wrong

2923. FT-10R ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-28 00:00:00 UTC
From: vvv@radio.stack.serpukhov.su
Message-ID: <4h14o6$7tb@ns.serpukhov.su>
Source record: 205023

Hello!

If you have FT-10, PSE help me. My radio not reduce tx power during
periods of no modulation (page 4 manual) ? It work only when I answer on high
incoming signal. TXSave=on.

Next problem is with DTMF code monitoring. Code written into C memory only
in the PAGE mode, I not see any changes in C memory in DTMF SQL - CODE mode.

Is there the same problem ?

TNX in advance, 73! de RX3DIN Victor
---
http://www.stack.serpukhov.su/~victor/

2924. WANTED: ICOM T21A & IC-2000H mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-28 00:00:00 UTC
From: mlamb@sunny.ncmc.cc.mi.us
Message-ID: <4h1k8g$7ir@srvr1.engin.umich.edu>
Source record: 205024

Please email mods to mlamb@sunny.ncmc.cc.mi.us. Thanks!

73, KB8VBA

2925. Help : cable for vfo230 - ts830s

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-28 00:00:00 UTC
From: paul1@news.sfu.ca
Message-ID: <4h0uq1$1bk@morgoth.sfu.ca>
Source record: 205025

I am trying to track down a interconnect cable for the vfo230 - ts830s
combo. Does anyone have one they can part with, or has anyone built one?

Please respond to my email address below.

cheers, Paul
ve7cqk
email: paul1@wizard.ucs.sfu.ca

2926. Re: Looking for comments re FT-1000MP & TS-870S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-28 00:00:00 UTC
From: "Paul Christensen, N9AZ" <paulc@jax.se.continental.com>
Message-ID: <4h1o5s$peb@usenet.continental.com>
Source record: 205026

adam@tbsa.com.au (Adam Maurer) wrote:
>
>Howdy!
>
>I'm considering the purchase of a new HF box with DSP at IF.
>Has anyone got a TS-870 or FT-1000MP?

I recently upgraded from a FT-1000D to the new "MP" model. I thought the receiver on the "D" would be tough to improve, but it's quieter and more selective.

The MP really shines on both CW and SSB transmit. I always felt that the FT-1000D was not up to par with other transceivers in this area, but now the CW QSK is almost as good as my Omni Six. The SSB audio can be tailored with three separate DSP menu areas for a total of something like ten different EQ patterns in all; actually more when you consider the different possible combinations.

I suspect that QST will have the FT-1000MP's product review in their next issue. You may want to wait and compare notes with the TS-870.

-Paul, N9AZ

2927. WTB VHF REPEATER

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-28 00:00:00 UTC
From: debbiew@csc.umd.edu
Message-ID: <4h2poj$c39@hecate.umd.edu>
Source record: 205027

I want to buy a GE Master II, low split (136-150), 100 Watt Continuous Duty, VHF Repeater. Must be in good working condition. Please send information including asking price and specific model number to: debbiew@umd5.umd.edu

Thanks!

2928. Newbie: list of intro radios anywhere

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-28 00:00:00 UTC
From: "Eric E. Palmer" <n2b8c6fv@abaco.coastalnet.com>
Message-ID: <3134AA8A.77D6@abaco.coastalnet.com>
Source record: 205028

I am just getting into HAM. I've checked the net, read FAQ, and read the newsgroup for about a month to avoid the newbie syndrom, asking questions already answered *many times*.

I can't find a list of radios, reviews, and prices. Is there one out there I've overlooked?

Otherwise, could you send me your suggestions (both good and bad.) I'll compile a list and post it, plus give it to ARRL and a few other sites with info for new HAMs. This way people can decided how much they want to spend for how much capability.

Thanks
--
Eric E. Palmer
http://www.eastnc2.coastalnet.com/~n2b8c6fv/
mailto:n2b8c6fv@abaco.coastalnet.com

2929. IC-706 -- How is it?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-28 00:00:00 UTC
From: msj@best.com
Message-ID: <4h22qe$i36@nntp1.best.com>
Source record: 205029

Greetings,

I am considering the 706 and would appreciate any feedback from hams who have experience with it. How is the selectivity, weak-signal response, etc?

Thanks!

Mike James
KE0CH

2930. REJECTED: Ham-Equip Digest V96 #134

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-28 00:00:00 UTC
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Message-ID: <9602281708.EM00024@rtp41.rtp.dg.com>
Source record: 205030

----- Mail rejected by CEO. -----
No Routing Link Available Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V96 #134
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Wed, 28 Feb 96 Volume 96 : Issue 134

Today's Topics:
FREE TOWER! (L.A.) Moving/U Take Down
FT-10R ?
FT23R mods
Help : cable for vfo230 - ts830s
How much RF pwr does an ant tuner consume?
Mods for Alinco DX-70
S-COM Repeater Controllers
Service Manual Required..Yaesu FTDX400
Software for Standard GX2000U programing (2 msgs)
TS440S shut down problem on some bands

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Fri, 23 Feb 1996 23:56:33 GMT
From: briansalt@cix.compulink.co.uk ("B W Salt")
Subject: FREE TOWER! (L.A.) Moving/U Take Down

You're too far away for me...:-))

Brian Salt.G3VVG.
Buckland Monachorum,
Devon,

England.

Date: 28 Feb 1996 08:45:58 GMT
From: vvv@radio.stack.serpukhov.su (Victor V Voronkov)
Subject: FT-10R ?

Hello!

If you have FT-10, PSE help me. My radio not reduce tx power during
periods of no modulation (page 4 manual) ? It work only when I answer on high
incoming signal. TXSave=on.

Next problem is with DTMF code monitoring. Code written into C memory only
in the PAGE mode, I not see any changes in C memory in DTMF SQL - CODE mode.

Is there the same problem ?

TNX in advance, 73! de RX3DIN Victor
---
http://www.stack.serpukhov.su/~victor/

Date: Fri, 23 Feb 1996 23:56:36 GMT
From: briansalt@cix.compulink.co.uk ("B W Salt")
Subject: FT23R mods

I have found various mods for the FT23R 2m handy, but I cannot find out
how to change mine to step at 5kc/s and 10kc/s instead of the preset
12.5kc/s.

Anyone know the answer?

TIA.

Brian Salt. G3VVG.
Buckland Monachorum,
Devon,
England.

Date: 28 Feb 1996 07:04:33 GMT
From: paul1@morgoth.sfu.ca (Paul Erickson)
Subject: Help : cable for vfo230 - ts830s

I am trying to track down a interconnect cable for the vfo230 - ts830s
combo. Does anyone have one they can part with, or has anyone built one?

Please respond to my email address below.

cheers, Paul
ve7cqk
email: paul1@wizard.ucs.sfu.ca

Date: 27 Feb 1996 16:15:57 GMT
From: macino@serv2.fwi.com
Subject: How much RF pwr does an ant tuner consume?

In <4gfk3h$ktd@nntp.netside.com>, k4kxo@netside.com (Kenneth Ferguson) writes:
>Theoretically, an antenna tuner does not dissipate power, de k4kxo.
>macino@mail.fwi.com wrote:
>
>>In <4g2j6u$12e1@chnews.ch.intel.com>, tom_boza@ccm.ch.intel.com (WB7ASR) writes:
>>>How can you tell how much RF power an antenna tuner is consuming
>>>when in use?
>>>
>>>Is this a trick question? How about putting a wattmeter just in front of it, measure
>> the power in, then put the wattmeter on the output side and measure the power
>> out. The difference should be WATT your loosing in the tuner.
>
>> 73's WD9AHF - Jim
>
>

Ken,

Theoretically, a bumble bee can't fly.

Jim

Date: 28 Feb 1996 11:39:49 GMT
From: "A.J.R. Toonstra" <ardon@euronet.nl>
Subject: Mods for Alinco DX-70

rona@usa.net (Ronald Anderson) wrote:
>I would appreciate it if anyone can tell me about the mods to the Alinco
>DX-70 to open up for out of band operation... Please E-mail me direct to
>Gary_Jones@bull.cc.usm.edu
> Thanks
> gary Jones
>
Try ftp://ftp.qrz.com/mods/
There is all you need.

Ardon

Date: 27 Feb 1996 17:24:30 GMT
From: Dave Maciorowski <wa1jhk@ix.netcom.com>
Subject: S-COM Repeater Controllers

S-COM has just opened an e-mail Discussion List to support its line of
Repeater Controllers and Accessories. This promises to be a good
place to ask questions and read announcements of new products.

To subscribe, send an e-mail message to majordomo@rmsd.com. In the text
of the message, type the line "subscribe scom" (don't type the quotes).
You will get back a confirmation message.

They also have a new Web page at http://www.rmsd.com/scom/

Dave Maciorowski, WA1JHK
Colorado Repeater Association, Inc.
Serving Colorado with Voice and Data, 6-Meters to 1.2 Gig

Internet: wa1jhk@ix.netcom.com or wa1jhk@amsat.org
CRA: http://www.rmsd.com/hamradio/cra/cra_news.html

Date: Tue, 27 Feb 1996 03:20:39 GMT
From: bubman@serix.com (Tony Bubnowicz)
Subject: Service Manual Required..Yaesu FTDX400

I require a service manual for a Yaesu FTDX400
If you have one available for sale or don't mind making a copy, please
fwd a message.
I will pay for manual or copying and any postage.
Thank You
Tony
bubman@serix.com

Date: 28 Feb 1996 05:15:56 GMT
From: Garth Wiscombe <garth@alinc.com>
Subject: Software for Standard GX2000U programing

--
Hi and thanks for reading in advance.

I am posting for a friend without internet access.

He is looking for software to program a Standard GX2000U. He has all
hardware but is lacking the software program.

Jack can be reached at 801-944-0060 between 4:00 PM to 11:00 PM MST.

Any help will be appriciated.

You may respond email here to me if you wish but calling direct will
provide faster help for him.

++
++
* * * * *
Garth Wiscombe, KA7MHN /\ /\ * * / / / Office 801
265-5057
Salt Lake City / \/ \ /\ ----/\--- Cellular 801
631-8675

Utah 84119-6032 /\ \ \ \ / / || / Home 801
967-3236
USA / \ \ \ \ || FAX 801
967-3268
/ \ \ \ \ || E-mail
garth@alinc.com
73 de Garth KA7MHN

++
++

Date: 28 Feb 1996 05:16:54 GMT
From: Garth Wiscombe <garth@alinc.com>
Subject: Software for Standard GX2000U programing

--
Hi and thanks for reading in advance.

I am posting for a friend without internet access.

He is looking for software to program a Standard GX2000U. He has all
hardware but is lacking the software program.

Jack can be reached at 801-944-0060 between 4:00 PM to 11:00 PM MST.

Any help will be appriciated.

You may respond email here to me if you wish but calling direct will
provide faster help for him.

++
++
* * * * *
Garth Wiscombe, KA7MHN /\ /\ * * / / / Office 801
265-5057
Salt Lake City / \/ \ /\ ----/\--- Cellular 801
631-8675
Utah 84119-6032 /\ \ \ \ / / || / Home 801
967-3236
USA / \ \ \ \ || FAX 801
967-3268
/ \ \ \ \ || E-mail
garth@alinc.com
73 de Garth KA7MHN

++
++

Date: 28 Feb 1996 05:34:52 GMT
From: Gary Davidson <reporter@sparc1.castles.com>

Subject: TS440S shut down problem on some bands

HMMMmmmm - I have both a TS-450 and a TS-850... I wonder if all the same problems are lurking in THESE similar rigs...

--
Gary... KJ6Q... I am the NRA | Annoy a Liberal - say NO to gun control!
========================== | Annoy a Democrat - say BYE BYE CLINTON!
"Did you come here to *LEARN*|==================================
or to nose around, make rude | "It's *EASY* to be a liberal, it's
noises & provide proof our | OTHER people's money you are giving
educational system stinks?" | away! (or living off of!)

End of Ham-Equip Digest V96 #134
****

2931. Manuals needed Yaesu Nye

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-28 00:00:00 UTC
From: Gerald Schmitt <kc5egg@eule.lanl.gov>
Message-ID: <4h0rup$oqv@newshost.lanl.gov>
Source record: 205031

Hello

I am looking for copies of manuals for a Yaesu FT-780 all
mode 70cm transceiver and a Nye Viking Tuner model MB-V-A
3 kw tuner. Copy and mail costs cheerfully covered.

73 de Jerry

2932. BATTERY for FT-10R/40R --- NI-MH BATTERY

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-28 00:00:00 UTC
From: MAHA <williamc@kaiwan.com>
Message-ID: <3134DEC9.9DB@kaiwan.com>
Source record: 205032

To Every Buyer:

"NEW PRODUCT RELEASE"

I am representing my company, MAHA COMMUNICATIONS
We are a manufacture and supplier of battery,
antenna, and accessories. We now carry

**FNB-41 for YAESU FT-10R/40R only for $39.95us

And

NI-MH(Nickle-Metal Hydrite) for Kenwood, Standard,
and Motorola, with the best price ever!

Other brand battery is also avilible!

If you are interest in the products,
contact me at ""williamc@kaiwan.com"", or

1-800-376-9992

**** ALSO LOOKING FOR GREAT DEALERS ****

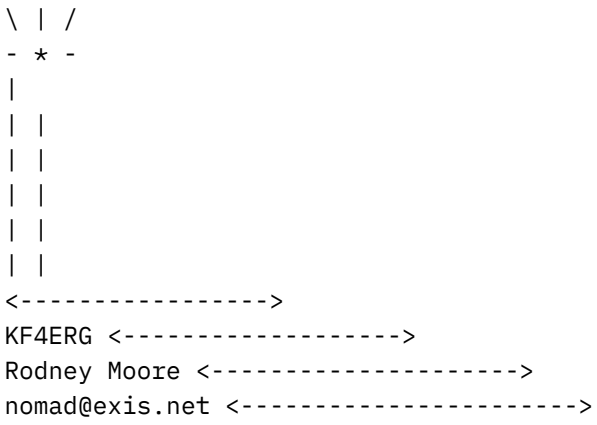
MAHA COMMUNICATIONS
williamc@kaiwan.com

2933. ICOM 2340H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-28 00:00:00 UTC
From: nomad@exis.net
Message-ID: <4h39r9$hs0@grouper.Exis.Net>
Source record: 205033

Does anybody know how to make the Icom 2340H act as a repeater
for an HT ? The operator's manual doesn't explain this.

Thanks in advance



2934. Re: IC-706 Mods for sale? (Packet fwd)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-28 00:00:00 UTC
From: "Michael J. Marcus" <michael_marcus@vcd.hp.com>
Message-ID: <4h2i37$49f@news.vcd.hp.com>
Source record: 205034

Carl,

I received your E-Mail and tried for a THIRD time to contact you. My messages just keep coming back! Perhaps you need to talk to your system admin. Sorry - I have the location of the IC-706 mods (I performed a couple last night) and my evaluation of the rig's performance with the mods...

Regards,

Michael/KG7M

2935. Spare bandswitch vafer for FL2100Z

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-28 00:00:00 UTC
From: Svein Henriksen <la3pu@sn.no>
Message-ID: <31353934.314@sn.no>
Source record: 205035

I am badly in need of a spare bandswitch vafer for an old FL2100Z. It is the rear one switching the tank circuit. The contacts for the 80m and 160m bands have burned kleen off.

Any help or suggestions on where to get one would be highly appresiated.

Thanks in advance.

Regards
LA3PU
E-Mail : la3pu@sn.no

2936. HELP! with TS-520S cw receive

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-29 00:00:00 UTC
From: jlynn@pennet.net
Message-ID: <4h5046$pcp@crash.microserve.net>
Source record: 204960
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Please, I need help.

I have a Kenwood TS-520S that has a problem with receive in the CW mode. When receiving in the CW mode, I can hear a station, and if I tune up the band, I hear the same station 2 KHz up frequency, from center to center. From the edges of the signals, the distance apart is 1 KHz. The higher frequency is the true operating frequency, and the lower frequency is a "ghost" signal. The "ghost" frequency is just as strong as the true frequency. The way this sounds is very similar to the 25 KHz calibrator marker signal. Sideband receives fine, no "ghost" signals.

I have gone through the manual, but nothing seemed to stick out as helpful. I don't want to send the rig away to have it fixed if it is something simple to fix, like turning a screw.

CW is my favorite mode, and with all the extra signals, the QRM is outrageous, and the QRM is nothing but "ghost" signals.

Any comments, hints, or solutions on how to remedy this problem will be most welcomed.

e-mail: jlynn@pennet.net

Thanks and 73's
Jeff Lynn - KD3KP

2937. Re: WANTED: Service Manual for Cushman CE-5

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-29 00:00:00 UTC
From: eugene@loop.com
Message-ID: <4h389a$lsi@dobie.loop.com>
Source record: 204961

> Dave Dredge <ddredge@kmg.com> writes:
> I am looking for a service manual for a CE-5
> service monitor. Can anyone help???
>
> Thanks,
> Dave Dredge
> email: ddredge@kmg.com
>
>>>>
I've got one for a CE-6 that I could copy if you don't find one for a CE-5.

I'm looking for the manual for the 318A high sensitivity plug in.

E. Joe Orrico WB6HRO

2938. WTD: Icom UX-29A (IC-900 Module 2M)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-29 00:00:00 UTC
From: eugene@loop.com
Message-ID: <4h38dh$lsi@dobie.loop.com>
Source record: 204962

Looking for a 2 meter module for an IC-900, UX-29A regular or high power versions.

E.Joe Orrico WB6HRO
818-957-4524

2939. Re: Looking for linear amp info on a B2500

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-29 00:00:00 UTC
From: calvin30@ix.netcom.com
Message-ID: <4h2sal$phr@ixnews3.ix.netcom.com>
Source record: 205036

In <4h0n8s$bi0@news.sdd.hp.com> Don C Hamiel <hamiel> writes:
>
>I recently bought a linear amp that was dead. I bought it knowing it
was dead.
>I'm wondering if anyone has had any experience on this particular
model.
>The model is a B2500. That is all. I cant find a manufacturer or any
other id.
>It is a desktop model. Presummably for 11 meter. I need info and/or
schematics
>for the rf board.
>
>Any help would be greatly appreciated.
>
>thanks de Don N6NLX
>

2940. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-29 00:00:00 UTC
From: little@pecan.enet.dec.com
Message-ID: <4h34r9$3ef@usenet.pa.dec.com>
Source record: 205037
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In article <4h2f76$sre@miwok.nbn.com>
Gary Davidson <reporter@sparc1.castles.com> wrote:

>>Feel free to ignore the issue. I don't believe anyone is losing
>>sleep over this, but that doesn't mean it is pointless to discuss.

> THIS all reminds me of the current TV commercial, where the customer in
> the restaurant orders coffee, and when asked "regular, or decaf?", stares
> blankly off into space as endless scenarios of risk flash thru his mind -
> and all activity in the restaurant screeches to a halt.

> What would you rather do, operate your rig into an inefficient antenna
> direct, resulting in 25 watts out of a 100 watt rig, or use the
> compromise available with the tuner, increase your output power to 100
> watts, and *ACCEPT* whatever reasonable loss the tuner caused to provide
> an overall system improvement?
> Or are you *STILL* standing there puzzled by "regular, or decaf?"...

Well, given that I rarely drink decaf, I don't believe I am "standing
there puzzled...". I don't recall the originator of this thread giving
enough information to make a reasonable guess. If the tuner is
using a coil wound with 40 gauge nichrome wire and really lossy
capacitors, any estimate based upon a reasonable design would be
meaningless.

Personally, I'd rather operate into a resonant antenna that provided
a reasonable match to begin with. Lacking that, I'd try to understand
the load I was trying to match and work to convert it into a load my
transmitter could handle. Both require knowledge instead of
ignorance. That was the only point of my post, i.e., a debate that
uncovers the issues to be considered is a worthwhile debate.
Ignoring the issues to be considered accomplishes nothing.

73,
Todd
N9MWB

2941. Re: TS440S shut down problem on some bands

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-29 00:00:00 UTC
From: "Thomas C. J. Sefranek" <sefranek@iii.net>
Message-ID: <4h35o8$s7p@news.iii.net>
Source record: 205038

Relax!

Even Kenwood discovered their error, and don't do "dat" no 'mo".

The later 440's didn't have the error, and the earliest were spared.

At this point I'd buy the whole PLL board rather than clean yet another
VCO!

Tom
WA1RHP

2942. WTB:Drake FS-4 and CW If-filter for R4-C

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-29 00:00:00 UTC
From: bj@gin.or.JP
Message-ID: <9602291031.AA00022@bj.gin.or.jp>
Source record: 205039

Am looking to purchase a Drake FS-4.
Also want a CW IF-filter for my Drake R4-C.
Please E-Mail me at bj@gin.or.jp

K.Kawase JG3RPL / KF6BJ

2943. FS:Kenwood TW-4000A Mobile Dual Bander

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-29 00:00:00 UTC
From: Jesse Touhey <w6kkt@frazmtn.com>
Message-ID: <4h47ud$qse@ns.kern.com>
Source record: 205040

For Sale:Kenwood TW-4000A mobile dual bander (144/420) has tone board
installed and comes with mc48 tone microphone. $150.00 or trade for?
Call:Jess 805-242-7650 or email: w6kkt@frazmtn.com 73s Jesse

2944. TRADE: Yaesue FT-11R for your FT-10

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-29 00:00:00 UTC
From: "Paul Christensen, N9AZ" <paulc@jax.se.continental.com>
Message-ID: <4h4h4d$nlb@usenet.continental.com>
Source record: 205041

The title says it all. I have a new, in the box FT-11R with 5-watt battery for an even trade on your FT-10. It's been out of the box just long enough to check for shipping damage and to ensure proper operation.

-Paul, N9AZ

2945. Buy Equip in US

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-29 00:00:00 UTC
From: swattana@netserv.chula.ac.th
Message-ID: <4h57p6$j8a@enterprise.netserv.chula.ac.th>
Source record: 205042

Hi all..

I'm wondering what do I need to buy a 2-Meters Tranciever &
Scanner in Michigan. Do I need a license ? And If I have a Call Sign
here in Thailand and wanna get a US's Call sign, do I need to have a
test? or just transfer.

Thanks in advance
DonSJ

2946. Mods for Kenwood TH-79A(D)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-29 00:00:00 UTC
From: lui@netcom.com
Message-ID: <lui-2802960856470001@192.0.2.1>
Source record: 205043

I've read the modification files for the Kenwood TH-79A(D) on oak.oakland.edu and wanted to know if anyone knew of any more mods, namely keyboard mods which don't require the unit to be opened up. Also, if anyone has any comments on this unit, they would be appreciated. I'll probably place an order from one in the next few days from AES.

Stephen

2947. Re: RF interference in Ford Explorer

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-29 00:00:00 UTC
From: cardenas@kaiwan.com
Message-ID: <4h4j3h$ess@kaiwan.kaiwan.com>
Source record: 205044

>> I recently purchased a Ford Explorer V8 - 2WD. I get some noise in my
>> Alinco DX70T on HF. So..after seeing reference to Ford Service
>> Advisory # 95-11-3 I took it to my local friendly dealer.
>> Anyone have an idea about a less expensive alternative?

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

Try this too:

Contact your local Motorola Dealer! They have a publication that outlines solutions for mobile noise. I'm sure that they would be happy to provide you with a copy without charge. I got mine that way.

I looked for my copy to pass along the official publication number, but I was unable to find it. All of Motorola's service techs. should be familiar with the book... it's about 50 pages or so with great descriptions and help in localizing the specific noise source(s) and methods to eliminate same.

One of the tips was to use 'airport approved' plug wires. Delco, I think... Do get the publication. I think it will be a great help.

73's
Tony
WA6IGJ

2948. Re: IC-W31A: Mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-29 00:00:00 UTC
From: climber@tetons
Message-ID: <4h4qvs$epl@dg-rtp.dg.com>
Source record: 205045
Body handling: Inline uuencoded payload not displayed: ICOM.GIF

Attached is a gif file containing enough information to mod a w31a
for extended receive and transmit. As it includes cell and public
bands this mod should only be done to ht's being used to test
other equipment. The quality of the scanned picture is low, but
the mods can be done with the info supplied.

[Inline uuencoded payload not displayed: ICOM.GIF]

<---- End Attached File ---->

2949. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-29 00:00:00 UTC
From: gary <design@thereporter.com>
Message-ID: <4h4tns$dhb@miwok.nbn.com>
Source record: 205046
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

dstock@hpqmdla.sqf.hp.com (David Stockton) wrote:

> It could be done, but I can't imagine anyone would want to do it this
>way.
>
> I think I'd build myself a vector voltmeter before I got desperate
>enough to use lecher lines on a regular basis
>
>
>
> Cheers
> David

I think that by now, faced with all the proposed work to "measure and
evaluate tuner losses" to feed my miserable random length end fed wire,
and the expense of all those wattmeters, RF meters, Bridges and duplicate
tuners, I would just sell my radios, and take up stamp collecting - it's
FAR less stressful...
--
Gary....KJ6Q *** I AM THE NRA! ***

2950. HR2510 help wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-29 00:00:00 UTC
From: kb2rmi@pop3.frontiernet.com
Message-ID: <4h4uef$qb0@cheatum.frontiernet.net>
Source record: 205047

I have an unmodified 2510, it has beaucoup TX output but no modulation, I want to start with something simple like the possibility of an NG mike element, but am open to suggestions if this isn't the case. Wondering if this is a common problem and there are a lot of 2510 experimenters out there, hopefully one can get me some ideas as opposed to trying to debug it w/o schematics. Also, I am without a manual so I would appreciate any help in finding the mike pinout as well as the accy. plug pinout. The rig is about mint cond, and was never used for voice communication. Also understand that there are a lot of mods available for these, any thing about these would be appreciated as well. Please email responses, Bill KB2RMI

2951. Need Mic Stand Info

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-29 00:00:00 UTC
From: rlubash@poco.mv.com
Message-ID: <DnJoo7.7J7@mv.mv.com>
Source record: 205048

I am looking for a source to purchase a desk mountable mic boom of the type similar to those used for drafting table lamps or broadcast radio stations. Any information would be helpful.

Thanks in advance

Richard Lubash
N1VXW
rlubash@poco.mv.com

2952. Looking for Broadband Linear Amplifier Operating in 20 to 1000megahertz

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-29 00:00:00 UTC
From: bumski@ix.netcom.com
Message-ID: <4h56nu$f4r@cloner4.netcom.com>
Source record: 205049

I'm looking for a broadband linear operating from 20 to 1000
megahertz range. The minimum final output must be 50 watts. Please,
e-mail me at bumski@ix.netcom.com if you have one. Please send asking
price, phone number, and address.

Thanks,
Greg

2953. Re: Key jack placement...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-29 00:00:00 UTC
From: gsparks@ix.netcom.com
Message-ID: <4h594p$on7@cloner2.ix.netcom.com>
Source record: 205050

The only modification I did to my Ten Tec Scout was to move the ext.
speaker (which is a 1/4" phone jack, go figure) to the back, and the cw
(min phono jack) to the front.

Now not only do the plugs for my speaker (min phono) and key (1/4")
fit, the key is easy to plug in and remove. I still don't understand
the original design.

KI5GY

In <8BB8314.00270030A2.uuout@hobbs.com> roland.stiner@hobbs.com (ROLAND
STINER) writes:
>
>
>To: yee@mipg.upenn.edu
>Subject: Key jack placement...
>
> >From the point of view of the manufacturer, is CW
> >such a un-used mode that it is a good idea to relegate the jack to
the
> >back?
>
>No, it is just that in a home setting, the key is connected all the
time
>and thus does not need to be in the front. The mic and headphones are
>always being connected and disconnected and therefore need to be in
the
>front.
>
>Nice try on justifying the demise of the CW requirement but...
>
> NO DICE!
>
> CW STAYS!
>
>---
> OLX 1.53 --------------> 73, de NK2U <----------------
>
>
> * Origin: CyberNet BBS Lyndhurst, NJ (1:2604/151)
>
>
> .....ooooo0OOOOo http://www.intac.com/~cono
>
> __,-----. ---+_________#_ The Roy Hobbs BBS sysop@hobbs.com

```
>
> |________| |__|__________} Node 1: 201-641-7307
>
> ooooo oo ~ ooO-O-O-O == oo\ Node 2: 201-641-3126
>
>
>
```

2954. Finnish Rep for the RA1AOM keys and paddles

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-29 00:00:00 UTC
From: Dave Heil <K8MN@clinet.fi>
Message-ID: <4h58fv$d13@news.clinet.fi>
Source record: 205051

Thanks to all who expressed interest in the keys made by Val RA1AOM in St. Petersburg, Russia

For those of you who missed the posting, the keys are high quality hand keys and paddles. The paddles are sit either on a stainless steel base or a green marble base and the mechanism is stainless steel and titanium. The fingerpieces I have are white teflon and have some nice "give" to them. I now understand that there is a slate colored fingerpiece option (no flex). The keys were being sold at the SRAL (Finnish League) convention in Kouvala over the 2/24 - 2/25 weekend.

The Finnish rep for the keys is:

Olavi Tupperainen OH6CT
Kulos Puistotie 42 B 31
00570 Helsinki
Finland

I'll try to get a phone number and/or internet address for Olavi and provide it here as soon as possible.

OH2KMF and I bought our keys at the convention. K3FK has his on order. I understand that Val sends the keys to Olavi on a regular basis.

Arno OH7XM and I modified my key slightly. Paddle resistance was a touch to much for my liking so we eased out the return spring and clipped two turns off the spring. This has a lot to do with individual preference so you may or may not choose to do the same.

I want to point out that I'm not in the key business. I would, however, be happy to collect e-mail messages from those of you who are seriously interested in obtaining the keys so that Olavi can mail you information. Please include your complete name, call and full mailing address in the body of the e-mail. I'll save these over the course of the next week or so and mail them at one time to OH6CT.

73,

Dave OH2/K8MN
k8mn@clinet.fi

2955. Alinco ALR-206T Packet Help?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-29 00:00:00 UTC
From: frankl@powergrid.electriciti.com
Message-ID: <frankl.95.0010BEF2@powergrid.electriciti.com>
Source record: 205052

Trying to hook up an Alinco 206T to a PK232 MBX. Does anyone have a way to do this? Need the pin-out of the Alinco. Owner's manual is vague. I have an MFJ Kenwood/Alinco mic & tnc switch box; however, the setup that is supposed to work keys the radio when the 8 pin plug is plugged into the radio.

Would appreciate any help via email frankl@electriciti.com.

73,

Frank
KE6WOE

2956. AEA DSP232

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-29 00:00:00 UTC
From: hwolfla@iquest.net
Message-ID: <4h5ao0$hl4_001@ind-008-237-91.iquest.net>
Source record: 205053

I am thinking about selling my old pk232 that has been upgraded to pactor for one of the new DSP232 units. Does anyone have any experience with the new AEA product? Also thinking about the PK900. Thanks for your input. Hank - K9LZJ

2957. kenwood, Heath For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-29 00:00:00 UTC
From: randal.olds@channel1.com
Message-ID: <40.18482.2424@channel1.com>
Source record: 205054

HeathKit SB 1400 & SBA1400 PS, Clone FT 747 Mint Condition.
$650 OBO...

Kenwood TS-850S/AT AS New... $1300.00 OBO

Gary KB8FV
313-728-4369 after 4:30pm EST...
---
* SLMR 2.1 *

2958. Packet with ALR-206T

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-29 00:00:00 UTC
From: frankl@powergrid.electriciti.com
Message-ID: <frankl.98.0015F9E2@powergrid.electriciti.com>
Source record: 205055

Found the correct pinout. Thanks to all who replied.

Frank

2959. Re: Yaesu FT-980 - What is it?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-29 00:00:00 UTC
From: Ed Coan <ed@aloha.net>
Message-ID: <3136C178.359B@aloha.net>
Source record: 205056

Paul Christensen, N9AZ wrote:
>
> Our company asset report shows a Yaesu Ft-980 transceiver. can soemone
> fill me in what it is?
>
> -Paul, N9AZ

The FT-980 was the first Japanese HF all-mode, all-band transceiver with external PC control capability (the KWM-380 came out a little earlier). It is all solid-state, 100W output, with an internal, and somewhat underpowered series-regulator AC power supply to provide the required 12V DC. It was produced for several years beginning in early 1982.

I had one for years- little trouble, very flexible design.

73 de Ed, AH6MI.

2960. Re: Looking for attenuator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-29 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb29.190202.18246@ke4zv.atl.ga.us>
Source record: 205057

In article <NEWTNews.825310863.19568.rroberts@rroberts.mcs.com> rroberts@mcs.com writes:
>Greetings,
>I am looking for an active attenuator to be used on two
>meters. When I am foxhunting, I get swamped whenever I
>get close to the fox. I am using a KAY unit, and that
>works ok until I get close, then I get swamped. I have
>been told that I need the active attenuator so that I can
>hook it up to the beam and then adjust it so I can get
>closer before I get out with the ground gear. I have tried
>using a talkie with no duck, but not much luck.
>
>I am looking for something already made up as I have had
>no luck with kits.

Too bad. I don't know of any commercial units, but Far Circuits
sells a circuit board and instructions for constructing an active
attenuator that really works. It's actually a *converter*, shifting
the signal 100 kHz off to the side. You tune your HT to the
shifted frequency, thus avoiding any possibility of signal leakage
directly to the HT spoiling the effect of the attenuator, and control
the attenuation by varying the amount of LO injection to the mixer.
Really slick, and works very nicely for the part of the hunt where
you're closing on the fox.

The problem with ordinary attenuators when you get close is that
the signal will bypass the attenuator and go directly through the
case of the HT. By shifting the frequency, that can't happen because
the radio is no longer tuned to the fox's frequency.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2961. Re: IC-706 -- How is it?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-29 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Feb29.194501.18490@ke4zv.atl.ga.us>
Source record: 205058

In article <4h22qe$i36@nntp1.best.com> msj@best.com (Mike James) writes:
>I am considering the 706 and would appreciate any feedback from hams who
>have experience with it. How is the selectivity, weak-signal response,
>etc?

See the review in the March QST. It's a good radio, a great radio considering its size and price. It offers good weak signal performance with the preamp on, but it will crunch under high signal levels unless you use the attenuator. So if you're trying to pull in a weak one right next to a very strong signal, you'll have some problems. There is also a bit of filter blow-by due to the nature of the design, but again it isn't a problem unless you're operating under the most demanding conditions. It's no IC-775 or FT-1000, but then it costs a *lot* less than either of them, and fits in a much tinier spot. Unless you do no CW or digital work, I'd strongly advise getting the optional 500 Hz filter, it works really well.

It's a wonderful mobile rig, very easy to fit into the tightest places, and has a control system that's a dream to use in a mobile environment. It does draw 2 amps on receive, so it is less than ideal for battery portable operation. To fully utilize its wide coverage VHF receiving capabilities, it needs a mod. There are two floating around. One is pretty easy, and at least lets you listen to National Weather, but doesn't give full capabilities out to the advertised 200 MHz. The other requires a bit of SMD wizardry, but fully opens the radio up on receive. Did I mention it has a wideband FM capability too? You can receive FM broadcast and VHF TV audio with it. The wideband IF (separate from the regular IF) has a much too wide filter, however, and you may get some bleed from strong signals on adjacent broadcast channels. That can be fixed, but again requires microsurgery.

It works fine on RTTY (has a special RTTY mode), and works fine for PACTOR and Clover too. It has a *slow* tuning mode that is a delight for digital operation, and a IF shift that really works right for digital operation. (You can use the 500 Hz filter for RTTY, it shifts it up to pass the correct tones when you switch to RTTY mode, and back down to pass CW in that mode, slick.) It's also fully computer controllable through the C-IV port. And it has not one but two different ways to interface to an external antenna tuner.

There's a published out of band transmit mod for HF, but none for VHF (that doesn't mean it's impossible to make it work out of band on VHF, just that it isn't a "snip the diode and reset" sort of thing

like the HF mod is). You get full receive coverage on HF without the HF transmit mod, so unless you're a MARS operator, it's fine as is out of the box. If you're a CAP operator and need out of band transmit on VHF, you may find that the necessary changes are too elaborate for your tastes.

One of the things that makes this radio so much fun is figuring out the mods to fix its (few) deficiencies. It's not a perfect radio out of the box, but there's an awful lot of potential hidden in there that you can ferret out.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2962. Re: Periphex Inc-still ar

Newsgroup: rec.radio.amateur.equipment
Date: 1996-02-29 00:00:00 UTC
From: roland.stiner@hobbs.com
Message-ID: <8BBB4F6.002700310C.uuout@hobbs.com>
Source record: 205059

To: reed@pacifier.com
Subject: Re: Periphex Inc-still around?

R>Myself and 3 friends all ordered batteries from Periphex for IC-W2A Icom
>handhelds. All 3 cases broke around the mount within 2 months. Periphex
>refused to honor their "1 year warranty" and all 3 had to be tossed.

R>DO NOT BUY FROM PERIPHEX! You will regret it!

Sorry to hear that. I remember when Pheriphex first came on the scene.
They had the ICOM IC0 series clones and they were very good. Have many
still to this day and have rebuilt some after 5 years of excellent
service. These cases are held with screws and are just as good if not
better than the OEM versions from ICOM. Their prices are much more
competitive than ICOM's too. I have some clone batteries for the Yaesu
FT-73R and they're very good too. They can't be rebuilt though since
the case is welded together (taking it apart is very messy!)

Since I have not bought anything from them in the past year, I cannot
say that their quality has not gone down. But, up to a year ago, they
were still a great company.

BTW, what was the reasoning they gave you for not honoring their 1 year
warranty?

OLX 1.53 --------------> 73, de NK2U <----------------

* Origin: CyberNet BBS Lyndhurst, NJ (1:2604/151)

.....ooooo0OOOOo http://www.intac.com/~cono
__,-----. ---+_________#_ The Roy Hobbs BBS sysop@hobbs.com
|________| |__|__________} Node 1: 201-641-7307
ooooo oo ~ ooO-O-O-O == oo\ Node 2: 201-641-3126

2963. Icom IC 736 Question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-01 00:00:00 UTC
From: KF5KF
Message-ID: <4h7gr3$o5q@news2.realtime.net>
Source record: 204963

I have a IC 736. When the volume is down all the way, I still get a hiss from the speaker. Is this normal? I have not had chance to hear anybody's 736 to see if it does the same thing or not.

Is this normal for this rig, before I send it back?

Thanks,

Bob Redoutey
KF5KF
Round Rock, TX
redoutey@bga.com

2964. mod for amp

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-01 00:00:00 UTC
From: shelj@holli.com
Message-ID: <DnKCLo.nn@iquest.net>
Source record: 204964
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc

```
need 10 meter mod for ameritron al-80b
thanks jeff
e-mail=shelj@holli.com
```

2965. Re: MODS NEEDED- Yaesu FT-530, FT-2500M

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-01 00:00:00 UTC
From: lui@netcom.com
Message-ID: <lui-2802961810240001@192.0.2.1>
Source record: 204965

In article <4h3qr4$l0k@news.wco.com>, felix@netwizards.net (Steve Foster) wrote:

> jrerlewe@mtu.edu (Lerxst) wrote:
>
>
> >B
> >Text:Hi.
> >i need mods (to transmit on about 155MHz) for both the FT-530 and FT-2500M
> >Yaesu Rigs, as a local public freq i use needs me and i hate carrying
> >C
> > around all these radios! hihi= Anyway, also any other mods would be
nice too-
> >tnx, 73
> >joe, n8ouz
>
> Hey,
>
> Regarding the FT-530, just open the bottom of the radio; (take off the
> batter pack) and then unscrew the four small screws on the bottom of
> the radio. Then find a green wire hanging down.. (don't forget to
> take out the memory backup lithium battery).. clip the green wire and
> then reassemble everything. Hold the up and down arrow buttons on the
> dtmf pad and turn the radio on.. this will allow you to rx/tx on the
> extended frequencies. ok .. it works trust me.

What the frequency range after the mod? How does this compare with the mod
where you remove the solder from jumper pad 13?

Stephen

2966. Re: Yaesu FT-530 cloning?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-01 00:00:00 UTC
From: "Thomas E. Walsh" <tw@ibeam.intel.com>
Message-ID: <4h5n3l$i4m@ornews.intel.com>
Source record: 204966

Ahem. The serial port at the mic connector is a bidirectional affair. You just need to send the commands the remote display mic sends and interpret the results. To clarify, some of the early yaesu serial interfaces were 'non-interactive', like the clone data transfer in an FT5200 mobile rig, while others have been interactive, like CAT, or the ft727r miniCAT. The FT530 and other radios which support things like the remote display microphone have 'interactive' serial ports, usable during normal operation of the radio. That is how the MH29A2B mic works, and is also how the 'windows control of ft51r' and ft8500 rigs work. It is also what makes the remote head of the ft5200 not require a huge cable: the control head talks to the deck through a bidirectional serial link (although the one on the mic pins is only usable when 'booted' in diagnostic or 'clone' mode, the other serial link is used while operating.)
kb7efz

2967. Re: BEWARE OF DEALING WITH DERRICK HALL, SEAT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-01 00:00:00 UTC
From: slwork@netcom.com
Message-ID: <slworkDnKMIx.8y8@netcom.com>
Source record: 204967
Cross-posted to:
rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,alt.radio.scanner

Rich Mulvey (rkm@scanproj.raster.kodak.com) wrote:

: Of course, there is still a problem - typically, you can't open the
: package until you've paid. So the seller could easily just ship
: you a piece of rock. It can be, and has been, done...

Depending on how you define "rock", it might be better that you DON'T
open the box in the presence of a postal inspector. <g>

2968. Mods/Comments for Yaesu FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-01 00:00:00 UTC
From: lui@netcom.com
Message-ID: <lui-2802962016480001@192.0.2.1>
Source record: 204968

Does anyone who owns a FT-51R have any comments on the unit or the programming software? Does the unit truly only receive to 470MHz? The magic number for me is 471.1375MHz, the frequency of our local police, which I like to monitor.

Does anyone know of any mods for the FT-51R (preferably keyboard) to extend the RX range? The unit is so small that I would think any hardware mods would be difficult.

Stephen
(Iching to buy an HT, as soon as I can decide which one!)

2969. Public domain Iambic Keyer source code

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-01 00:00:00 UTC
From: lewissys@ix.netcom.com
Message-ID: <4h5m9o$44h@dfw-ixnews1.ix.netcom.com>
Source record: 204969
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment

I wrote source code for a simple keyer for the PIC16C54 (18 pin DIP).
It has paddle selected speed and a synthesized 833 Hz sine wave output
for code practice or sidetone. E-mail me if you want a copy, as I have
no IP. de KJ5WA

2970. What's a Hexalator?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-01 00:00:00 UTC
From: "Michael E. Pinault" <mikepi@on-ramp.ior.com>
Message-ID: <4h63h8$nci@express.ior.com>
Source record: 204970

I found one in a Motorola Microwave Oscillator for 2 Ghz. Does it serve
the same function as a circulator? It has tuning caps in a circle around
a magnet and was manufactured by TDK.

--
Mike Pinault --- N3CEV/7 | Anything under 50 MHZ must be DC!!!
Near Spokane "Spo-can" Washington |
Locator DN17fl |

2971. Ham Stores in NYC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-01 00:00:00 UTC
From: john.przychocki@tglbbs.com
Message-ID: <4h63or$7ts@cloner4.netcom.com>
Source record: 204971

I've been hearing about another store other then Barry's in NYC. Can
anyone give me Name and Address (maybe even a telephone number too.)
????
Thanks.

2972. IC-Z1A Mod Help!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-01 00:00:00 UTC
From: kalusros@primenet.com
Message-ID: <4h6bo1$kpa@nnrp1.news.primenet.com>
Source record: 204972

I have performed mods for out of band RX and TX, but it does not receive 800Mhz band. I verified this by keying up in that band, and "off" is being displayed. Anyone know how to unlock this? Apparently some other models of Icom can be modified to receive there, but I haven't been able to get an info for Z1A. Any help is greatly appreciated.

2973. Needed: service manual & schema for IC-R100

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-01 00:00:00 UTC
From: tuomi@anna.it.lut.fi
Message-ID: <4h6iou$sqn@lut.fi>
Source record: 204973

Does anyone have schema and servicemanual for IC-R100 ?
I would like to borrow them and take some copies.

If you have them, please take contact to me !

Pasi OH3NPS OH5NPS

Phone: 953 - 4127 400 Addr. Pasi Tuomi, OH5NPS Finnsonic Oy
Cellular: 940 - 5041 833 Liesharjunkatu 2 E 37
Email: tuomi@lut.fi 53850 Lappeenranta (Finger for
WWW: http://www.lut.fi/~tuomi Finland more info.)

2974. Re: HR2510 help wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-01 00:00:00 UTC
From: kb2rmi@pop3.frontiernet.com
Message-ID: <4h6q2d$t9c@cheatum.frontiernet.net>
Source record: 204974

kb2rmi@pop3.frontiernet.com (robbin decker) wrote:

>I have an unmodified 2510, it has beaucoup TX output but no
>modulation, I want to start with something simple like the possibility
>of an NG mike element, but am open to suggestions if this isn't the
>case. Wondering if this is a common problem and there are a lot of
>2510 experimenters out there, hopefully one can get me some ideas as
>opposed to trying to debug it w/o schematics. Also, I am without a
>manual so I would appreciate any help in finding the mike pinout as
>well as the accy. plug pinout. The rig is about mint cond, and was
>never used for voice communication. Also understand that there are a
>lot of mods available for these, any thing about these would be
>appreciated as well. Please email responses, Bill KB2RMI

It was the mike element after all!!!! swapped mikes, works FB Thanks
for replies.

2975. FT707 / FT77 / TS120S ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-01 00:00:00 UTC
From: maillet@ensm-douai.fr
Message-ID: <4h6pa5$7v2@netserver.univ-lille1.fr>
Source record: 204975

FT707 or FT77 or TS120S ?
ps help me for make a choise for 2&#65533; rig.
use in 12V; portable; CW (filter 500 hz ?)
tnx DOMY.
maillet@ensm-douai.fr

2976. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-01 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar1.125809.21045@ke4zv.atl.ga.us>
Source record: 204976
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In article <4h40nl$2u46@info4.rus.uni-stuttgart.de>
moritz@ipers1.e-technik.uni-stuttgart.de () writes:
>In article <31352F25.7006@athena.csdco.com>,
>Richard Kiefer <kieferr@athena.csdco.com> wrote:
>>When some complex impedance is connected to
>>the ouput connector in the form of an antenna some other real part will
>>appear in parallel with what you measure but the power disipated inside
>>the tuner should remain the same unless the losses of the components is
>>power dependent. What do you think?
>
>The point of my example was to show that the losses inside a tuner
>depend *critically* (are determined) by the load. If e.g. someone
>placed a resistor paralell to the output connector (again without
>your knowledge), there would be a large dissipation if the output
>connector is left open circuit, but none if the output connector
>is shorted.

It would thus seem important to guard against someone sneaking around
and soldering resistors into your antenna tuner without your knowledge.

The real part of the load impedance represents, unsurprisingly, dissipation
in the load, not in the tuner. Tuner dissipation depends solely on the
internal real resistances parasitic to its construction, and upon the
circulating currents and voltages due to the imaginary component of the
transformation impedances. While the imaginary components depend on the
load impedance, the parasitic real resistances in the tuner do not, and
are a function of the unloaded Q of the components used.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2977. Re: Buy Equip in US

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-01 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar1.130708.21142@ke4zv.atl.ga.us>
Source record: 204977

In article <4h57p6$j8a@enterprise.netserv.chula.ac.th> swattana@netserv.chula.ac.th (Wattana S.Janjaroen) writes:
> I'm wondering what do I need to buy a 2-Meters Tranciever &
>Scanner in Michigan.

Money!

Do I need a license ?

Not to buy, but you need a license to operate an amateur *transmitter*. You don't need a license to operate a receiver in the US. There may be restrictions on use of a scanner capable of receiving police transmissions in a vehicle in some States, however.

>And If I have a Call Sign here in Thailand and wanna get a US's Call sign,
>do I need to have a test? or just transfer.

I don't *think* there's a reciprocal agreement between the US and Thailand, but check with the ARRL to make sure. You can take a US amateur test and be granted a US amateur license as long as you are not an agent of a foreign power, IE not employed by and directly acting for a foreign government.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2978. Re: HTX-202 birdie fix, HELP!, RS claims no fixes...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-01 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar1.131204.21249@ke4zv.atl.ga.us>
Source record: 204978

In article <4h4jqj$6de@news.innet.com> smithj@innet.com (Jim Smith) writes:
>Just got off the phone with a Radio Shack technician. He said he was unaware
>of any fixes for the birdie problem this radio has.
>
>I remember that someone on this newsgroup managed to get them to replace the
>radio with one that did not have this problem.
>
>Any info that would help me get this problem fixed would help, such as what
>radio serial numbers do not have this problem, who to talk to about swapping
>out this one for a newer model, etc.
>
>The tech said his did it, and he has two more on the bench that do it, but he
>doesn't have a fix for it. I heard of a rumor that the main board is the
>culprit. Can anyone confirm this?

AFAIK the problem with the RS HTs is due to a harmonic of the Touchtone
pad tone generator oscillator. A harmonic falls on 146.76 MHz. If that's
your problem, you can try improving the shielding and bypassing of the
TT pad oscillator. Some RS HTs are worse than others, but this is a generic
problem, and not just limited to RS HTs.

Gary

--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2979. STARTEK FREQUENCY COUNTERS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-01 00:00:00 UTC
From: Curt <curt@hightec.com>
Message-ID: <31370259.2C0@hightec.com>
Source record: 204979

You can find info on Startek at, http://hightec.com/amnov/cstar/
With big discounts on the price. 73 Curt, N9INK

2980. Re: help in kenwood&#65533;s components!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-01 00:00:00 UTC
From: tlabrier@minor.rnet.com
Message-ID: <4h75u0$mjc@golden.adams.net>
Source record: 204980

benito@gea.ugr.es wrote:

>Hello and thanks for read this article.
>I need help with this components:

> - TRIOX57368001 main PCB ASSY for KENWOOD TM-702
> - TRIOX57369271 main PCB ASSY for KENWOOD TM-241

>If you know how and where can I buy or some address where
>I can contact to obtein information about its components,
>please, send me an e-mail to:

> benito@gea.ugr.es

>Thanks.

Benito:
Here is a little more complete answer than my last posting. You can
get to the Manufactures home pages through Ham Radio Outlet
(www.hamradio.com/mfg.html).

Kenwoods address is www.kenwood.net/

The two numbers I mentioned are:

East Coast Transistors Parts at 800-637-0388, and
Pacific Coast Parts at 800-262-1312.

Hope this helps, 73
Terry

****
* Terry LaBrier, N0AHY *
* tlabrier@minor.rnet.com *
****

2981. Announsing: Technology Patent Available For Purchase

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-01 00:00:00 UTC
From: gherbst@msn.com
Message-ID: <NEWTNews.825700724.8612.Postmaster@GGHERB.MONSANTO.COM>
Source record: 204981
Cross-posted to: sci.astro.amateur,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.antenna,misc.invest.technical,misc.invest.stocks,misc.invest.funds,misc.invest.canada

Gerhardt G. Herbst II, is the patent holder for "Cold Spot Module".
This product is for sale to an individual or manufacturer.

The "Cold Spot Module" is used to effectively reduce the operating
temperature of integrated circuits such as computer CPUs to maintain
reliability under extreme operating conditions. This module is protected
under a U.S. Utility Patent issued in October of 1995. A Utility patent
provides the strongest protection under U.S. law.

An independent North American Market Study was done on the product and the
potential market has been identified.

The product has not yet been introduced to the general public but is referenced
in the U.S. Patent catalog which is posted periodically. For an on-line reference
refer to:

http://www.uspto.gov

Search on Patent Number: 5457342

The title abstract is: Integrated circuit cooling apparatus

Note: A search on just the patent number will bring up the details.

Exclusive rights can be purchased reasonably with negotiable license term.

For further information, contact Gerhardt G. Herbst II.

Gerhardt G. Herbst II
133 Wynstay
Valley Park, MO 63088
Phone: (314) 861-0426
E-mail: gherbst@msn.com

2982. FS: Motorola P-100 UHF

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-01 00:00:00 UTC
From: mfunaro@dsmnet.com
Message-ID: <4h78e9$lav@dsm6.dsmnet.com>
Source record: 204982

For sale Motolola P-100 Uhf , two channel programmable. 450
-470mhz,excellent condition with rapid charger. $180 shipped.

73, Mike WA0SWJ
mfunaro@dsmnet.com
515-961-6140

2983. Re: HAM-SHOP IN NEW YORK CITY

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-01 00:00:00 UTC
From: jeff@sec.sel.sony.com
Message-ID: <4h7ao9$naa@usenet1.sjc.in.sel.sony.com>
Source record: 204983

In article <8BBB197.00270030A3.uuout@hobbs.com>, dave.formilan@hobbs.com (DAVE.FORMILAN) writes:
|>
|>
|> RS>There is a good, honest ham dealer in NJ called KJI Electronics. That
|> RS>is the closest to NYC you'll get.
|> RS>---
|>
|> How about posting the address for this dealer.
|>
|>
|>
|> ---
|> * OLXWin 1.00a * JUNK: Stuff we throw away. STUFF: Junk we keep.
|>
|> .....ooooo0OOOOo http://www.intac.com/~cono
|> __,-----. ---+_________#_ The Roy Hobbs BBS sysop@hobbs.com
|> |________| |__|___________} Node 1: 201-641-7307
|> ooooo oo ~ ooO-O-O-O == oo\ Node 2: 201-641-3126
|>

KJI Electronics 201 239-4389
Gene K2KJI

I have bought a lot of stuff from Gene. My TS-940 and IC-706 are two of the biggies. I've always been satisfied with his prices and service.

I can't post a disclaimer that I am not affiliated with Gene as I have helped in his booth at Dayton in past years. BTW he usually has VERY good prices at Dayton.

Jeff WU2A/6
--
Jeff WU2A/6
reply to: jeff@sec.sel.sony.com
phone: (408) 955-4116

2984. Re: Mod for FT-726R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-01 00:00:00 UTC
From: dbill@tigger.cc.uic.edu
Message-ID: <dbill.2.000A5334@tigger.cc.uic.edu>
Source record: 204984

In article <4gu525$ais@coranto.ucs.mun.ca> sba3020@InfoNET.st-johns.nf.ca (Carl Hodder) writes:
>From: sba3020@InfoNET.st-johns.nf.ca (Carl Hodder)
>Subject: Mod for FT-726R
>Date: 27 Feb 1996 05:32:53 GMT

>Wanted a frequency mod for the yaesu ft-726r all mode tribander.
>Anyone else have this radio and can give me any opinions on using
>it. I was told of a frequency mod for the 430 MHz band module
>to operate on 440 MHz. Looked at the WWW mod sites and could not find
>it. Anyone else hear of this mod? Also looking for the 50 MHz and
>440 MHz band modules. Will the band modules from a FT-736R work
>in the FT-726R?

>If you know of the mod to use the FT-726R on 440 MHz using
>the 430 MHz band module please post what site it's at or E-mail
>me the details.

>How would anyone compare the Ft-726R against the FT-736R besides
>it having CAT and 1200 MHz band option?

Here in Chicago i find the 726 with its narower front end modules to be a
better bet than the 736. The 736 gets blown away with intermod and overload
while the older 726 works quite well.
If you are looking for a "wide band reciever" you will be better off with a
scanner the 726 does not go out of band well at all. the 430 to 440 conversion
should not be real difficult but be prepared to change a bunch of parts in
the reciever . I am told the "sat." board is no longer available. Good luck
Bill ka9sww

2985. Re: ANYONE SELLING BENDIZ/KING

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-01 00:00:00 UTC
From: dbill@tigger.cc.uic.edu
Message-ID: <dbill.3.000A60F1@tigger.cc.uic.edu>
Source record: 204985

In article <4h3re6$l0k@news.wco.com> felix@netwizards.net (Steve Foster) writes:
>From: felix@netwizards.net (Steve Foster)
>Subject: ANYONE SELLING BENDIZ/KING
>Date: Thu, 29 Feb 1996 09:31:29 GMT

>IF ANYONE IS SELLING A BENDIX/KING TWO-RADIO
>PLEASE EMAIL ME.. I LOOKIN FOR ONE THAT IS 440-512MHZ.

>THANX. STEVE.

try Bennet Communications in Flint Michigan

2986. Re: What ever happened to...RDF

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-01 00:00:00 UTC
From: sparkfel@primenet.com
Message-ID: <4h78b2$dc7@nnrp1.news.primenet.com>
Source record: 204986

editz@eskimo.com (Roger N. Hoffeditz) wrote:

>Marine RDF's seem to have gone by the window of time. Everytime I go to
>a boat show, I always ask for them. The answer seems to be "If you had
>one today, you could sell it for a lot of money". 'Seems all the old
>ones were scarfed up by commercial fisherman. I understand someone
>produces one for a very large price, but not for me.
>I was thinking that someone could design a signal analyser independent
>of the radio, and display the info on an LCD screen; sell a couple
>hundred and make out really good!

I saw one just a few months ago (in working condition) at a Ham Fest.

Unfortunately, the owner wanted $60, and I was unwilling to part with
that type of $$ for an amusing piece of antiquated technology. Also
it could RDF on FM, up to, BUT NOT INCLUDING the 2 meter HAM band.
If it had, I probably woulda bought it. But of course, if it did RDF
on two meters it would have:

a) already been sold

b) priced much higher

c) not been for sale

d) all of the above

The cost of Doppler RDF units is dropping, though. I believe a
company called Agrelo Engineering is starting production of a DSP
doppler system for hams, with a base cost in the $250 to $300 range.
They are on the WEB, but their URL escapes me at this moment.

73,

Mark Fellhauer - KC7BXS
sparkfel@primenet.com
ThunderBird ARC Packet Coordinator

2987. Yaesu FT411E

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-01 00:00:00 UTC
From: stevej@eastky.com
Message-ID: <4h75e3$6c7@netnews.mis.net>
Source record: 204987

I need the out-of-band mod for the Yaesu FT411E 2-meter HT. I got the mod from the Oakland FTP site but they have two
different mods for the same radio. I need to know which one is right or even better. someone who has actually did the mod.
Thanks Steve KF4FIO

2988. Re: HTX-202 birdie fix, HELP!, RS claims no fixes...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-01 00:00:00 UTC
From: frederick.mckenzie-1@kmail.ksc.nasa.gov
Message-ID: <frederick.mckenzie-1-0103961332220001@k4dii.ksc.nasa.gov>
Source record: 204988

In article <4h4jqj$6de@news.innet.com>, smithj@innet.com (Jim Smith) wrote:
> Just got off the phone with a Radio Shack technician. He said he was unaware
> of any fixes for the birdie problem this radio has.

Jim-

The HTX-202 CPU clock crystal is 3.579545 MHz, which is the standard TV colorburst frequency. It was chosen so it could be used both as the CPU clock, and for the Touchtone generator. The 41st harmonic falls close to the output of a 146.76 MHz repeater. Is that the birdie you refer to? I doubt anything can be done to eliminate it, other than to move its frequency away from 146.76.

I recall that someone claimed to have had their radio replaced with one that didn't have the birdie. Perhaps there is a newer version of the HTX-202, that uses a different scheme, or has better internal shielding. You might get a Radio Shack clerk to let you check a new one from a recent shipment.

73, Fred, K4DII

2989. ADMS-1 Software for FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-01 00:00:00 UTC
From: lui@netcom.com
Message-ID: <lui-2902961132300001@192.0.2.1>
Source record: 204989

Will the ADMS-1 software allow you to load RX frequencies greater than 470MHz into the FT-51R? I've been researching this lately because I want to monitor the local police, who are at 471.1375 MHz and most HT's don't receive that high unmodified. Is this as simple as entering 471.1375 into one of the memory locations and then downloading the data?

My other alternative is the get an IC-W31A or IC-Z1A and do the keyboard mod. However, I really like the ability to program the FT-51R from my computer because I travel alot.

Stephen

2990. WTB: Kenwood TH21-AT accessories

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-01 00:00:00 UTC
From: davidj@nauticom.net
Message-ID: <3137137c.179042168@198.190.226.3>
Source record: 204990

Wanted to buy: Any Kenwood TH-21 AT accessories that you might want to
sell. Especially interested in the vinyl case and the HMC-1 headset.
Let me know what you have, the condition and price you want.

Thanks

Dave KN3ZAN

2991. Re: HELP! with TS-520S cw receive

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-01 00:00:00 UTC
From: bill.sorsby@dlep1.itg.ti.com
Message-ID: <4h7j09$bj7@mksrv1.dseg.ti.com>
Source record: 204991
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <4h5046$pcp@crash.microserve.net>, jlynn@pennet.net says...
>... When receiving in the CW mode, I can hear a station, and if I
>tune up the band, I hear the same station 2 KHz up frequency, from
>center to center.

Jeff, it sounds to me like your rig has both the upper and lower sideband carrier oscillators turned on simultaneously. That's the only thing that comes to mind which could cause the sort of problem you've described.

I don't have any Kenwood gear so I can't provide any hardware troubleshooting tips. Hpoefully someone else will step forward with more details. Good luck.

Regards,
Bill Sorsby, N5BU

2992. Maxon 4150 Info needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-01 00:00:00 UTC
From: Karl Breitner <Karl.Breitner@virginska.orebro.se>
Message-ID: <4h7uca$rmn@Steinlager.tip.net>
Source record: 204992

Hi, everyone.

I have been offered a Maxon 4150SH at low price.
I've found out it's a 16 channel scanning VHF transciever.
The end H in model number seems to stand for high end of VHF band.

Does anyoyne have info on programming the unit and can it be modified
for 2M use. It would be a nice rig for the car.

Please reply by eMail or posting in this newsgroup, preferrably by
eMail as I have limited access to newsgroup.

73 de SM4CPL

/Karl

2993. RFI Proof Paint Available?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-01 00:00:00 UTC
From: zaax@aol.com
Message-ID: <4h8k9g$8nj@newsbf02.news.aol.com>
Source record: 204993

Does anyone out there know of any company that produces a paint that reduces
RFI? If you know of one please route me their address or phone number. Any help with this will be greatly appreciated!

73 Zack Schindler
N8FNR

2994. Re: BEWARE OF DEALING WITH DERRICK HALL, SEATTLE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-01 00:00:00 UTC
From: cwalker@aa.net
Message-ID: <4h5r6f$2ch@Holly.aa.net>
Source record: 204994
Cross-posted to:
rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,alt.radio.scanner

In article <4glde4$bef@miwok.nbn.com>, design@thereporter.com says...

>AHHHH, *ANOTHER* CB'er/ham wannabe heard from! I especially like the
>resident internet response, "Whine, Whine", it speaks VOLUMES about
the
>mentality of the poster.
>I, for one, appreciate the reports from sour deals found here, I am
here
>because I am interested in possibly buying or selling stuff myself. If
>those who have had bad dealings with certain individuals can't pass
along
>their experiences HERE, *WHERE CAN THEY?*. Chance of
misrepresentation?
>Sure, there always is, but for my own protection, I would prefer to be
>occassionally misinformed, and maybe miss out on a deal, than for lack
of
>foreknowledge, make another "contribution" to a known rip-off artist.

Here, Here!

Colin Walker
cwalker@aa.net

2995. Some notes on the IC-T22 mod

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-01 00:00:00 UTC
From: curt@lamar.ColoState.EDU
Message-ID: <4h8kjf$693s@lamar.ColoState.EDU>
Source record: 204995

Greetings everyone,

I have a small observation to share to anyone owning an IC-T22.

There is an easy 'mod' for opening up the receiver. If one simply presses the # and B keys while turing it on, the receiving range seems to go from 10 to 999.9 MHz continously. However, as I was doing some curious scanning, I noticed that there are 2 sets of frequencies that are missing. These are 824 - 849 MHz and 869 - 894 MHz. *hmmm*

As an extra observation, I found an extra function in the SET MODEs mode. This function was labeled PL and it has three settings: 1, 10, and 100. In VFO mode, a person could type in the four rightmost digits of a frequency. Setting the PL function to 100, that person can now specify all six digits of a frequency. Seems great for saving wear and tear on the dial.

If anybody has more information on this little spunky radio, please share it. I'd like to hear from you.

My thanks goes to jmb@eden.com and david_edger@fforum.blkcat.com for providing me with the original 'mod'. 73.

Curt (kb0vke)

--

Curtis Brown
Curt@Lamar.ColoState.Edu
http://lamar.colostate.edu/~curt

2996. Re: Ham Stores in NYC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-01 00:00:00 UTC
From: jbaltz@news.cs.columbia.edu
Message-ID: <4h7jei$a3g@tune.cs.columbia.edu>
Source record: 204996

In article <4h63or$7ts@cloner4.netcom.com>,
<john.przychocki@tglbbs.com> wrote:
>I've been hearing about another store other then Barry's in NYC. Can
>anyone give me Name and Address (maybe even a telephone number too.)
>????

And tell the rest of us in NYC, who are dying for an alternative.

> Thanks.

//jbaltz
--
jerry b. altzman Entropy just isn't what it used to be +1 212 650 5617
jbaltz@cs.columbia.edu jbaltz@scisun.sci.ccny.cuny.edu KE3ML

2997. Re: ten/tec omni d ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-01 00:00:00 UTC
From: kleerdex@epix.net
Message-ID: <4h774e$q75@guava.epix.net>
Source record: 204997

In article <4gvsmo$1id2@news.gate.net>, penny mueller <pmueller@gate.net> says:
>
>need info on ten tec omni d hf rig 1979 .I have been offered one
>
>for $ 300.00 .
>
>
>
>
> john kf4emc
Ten Tec is a good company, the last of the US Ham Gear Manufacturers.
They make everything (even the knobs) in their Sevierville, TN, plant
which is worth a visit if you're in the area. Their service department
is legendary, the standard by which others are compared.

The Omni is a fine rig, excellent on CW (maybe the best QSK of any
radio) and with wonderful audio (Ten Tec's founders came from the
Hi-Fi industry). It uses a vfo (provision for an external) with
receiver offset tuning, which means no phase noise but no memories
either. That sounds like a good price, if the radio is in good
shape.

=Vic=, WA4THR
Bear Gap, PA

2998. ICOM IC-706 Poor Mic Gain

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-01 00:00:00 UTC
From: Scott Gray <scotgray@spider.lloyd.com>
Message-ID: <3137E997.5135@spider.lloyd.com>
Source record: 204998

Have a nice new IC-706. Love it, but the Mic Gain is poor at best.
Suggested fixes by ICOM (changing R236 to 100K) increases the mic gain
ONLY... SSB /ALC levels remain unaffected and low for my preferences.
The ICOM mod gives you a TON of increased audio (you can hear the little
fan blowing in the background with the mic gain set at about 4-5), but
you get mic gain ONLY. I mean independent of output power on SSB. Yeah,
on my local receiver (R8) and on a IFR 1200 service monitor the result is
loud. But the power level (SSB) acts as if I set the mic gain way down to
a 1. ALC action doesn't exist until I crank it up to 7 to 8 level. By
that time the mic is sooo hot that it picks up a flea's fart! But still
weak on SSB output power (FM Fine). Using a Heil HC-5 or a Shure 444
(with a dc block cap of course) produces unuseable audio for SSB work.
ICOM can you help? Anybody else experience this?
HELP.

Staying on CW for now....(BTW: its a super CW rig, just add a filter
maybe a DSP-9 and WOW!)

73
Scott KD6CQ
scotgray@spider.lloyd.com

2999. Re: Ham Stores in NYC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-01 00:00:00 UTC
From: roland.stiner@hobbs.com
Message-ID: <8BBE334.002700312F.uuout@hobbs.com>
Source record: 204999

To: jbaltz@news.cs.columbia.edu
Subject: Re: Ham Stores in NYC

J>And tell the rest of us in NYC, who are dying for an alternative.

The problem with NYC is this: THERE IS NO PARKING AVAILABLE! Why, oh why would anyone want to put a Ham Radio store where there is no parking???

On top of that, the rents that merchants pay is ASTRONOMICAL in NY, so why not put the store in a low rent area?

OLX 1.53 --------------> 73, de NK2U <----------------

* Origin: CyberNet BBS Lyndhurst, NJ (1:2604/151)

.....ooooo0OOOOo http://www.intac.com/~cono
__,-----. ---+_________#_ The Roy Hobbs BBS sysop@hobbs.com
|________| |__|__________} Node 1: 201-641-7307
ooooo oo ~ ooO-O-O-O == oo\ Node 2: 201-641-3126

3000. IC-W31A/IC-Z1A CTSS Decode and Tone Squelch Standard?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-01 00:00:00 UTC
From: lui@netcom.com
Message-ID: <lui-2902961138500001@192.0.2.1>
Source record: 205000

The HRO ad says that the IC-W31A and IC-Z1A both come standard withe 2.5 watts of power and CTSS decode standard, with the BP-180 battery. Does this mean that they include the UT-94/UT-93 modules and also come withe tone squelch, pocket beep, and tone scan? Is tone squelch controlled by a CTSS tone or is like the DTMF paging feature of the FT-51R?

Stephen

3001. Re: IC-W31A/IC-Z1A CTSS Decode and Tone Squelch Standard?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-02 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4h85cc$uhm@news.ccit.arizona.edu>
Source record: 204860

rhelton@netcom.com (Richard Helton) writes:
>Stephen Lui (lui@netcom.com) wrote:
>:The HRO ad says that the IC-W31A and IC-Z1A both come standard withe 2.5
>:watts of power and CTSS decode standard, with the BP-180 battery. Does
>:this mean that they include the UT-94/UT-93 modules and also come withe
>:tone squelch, pocket beep, and tone scan? Is tone squelch controlled by a
>:CTSS tone or is like the DTMF paging feature of the FT-51R?
>:Stephen
>The tone option is included in the US model. I don't have my manuel here
>but I beleive it does all the above.. I just bought mine about a month
>ago and haven't tried out everything yet.
>rhelton@netcom.com

And ICOM has announced a $100 direct rebate on the Z1A.

Chris - N7RME

3002. CBs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-02 00:00:00 UTC
From: Roger_A@ix.netcom.com
Message-ID: <4h9vsj$g2c@cloner3.netcom.com>
Source record: 204861

I'm lookin around for some low cost cb with a range of a couple of miles. Anybody got any suggestions ?

3003. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-02 00:00:00 UTC
From: cmoore@vegas.ch.intel.com
Message-ID: <4h9v2i$mp6@chnews.ch.intel.com>
Source record: 204862
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In article <4h73q9$7pq@cloner4.netcom.com>,
Glenn Sparks <gsparks@ix.netcom.com> wrote:

>The problem isn't the tuner, the problem is the placement of the tuner,
>and the loss of the feedline. Place the tuner at the antenna, so the
>coax is loaded and fed as 50 ohms and the loss of the tuner will be
>minimal.

That's how I feed my mobile antenna - with an SGC230 mounted at
the base of the antenna. It works great.

However, for fixed installations, I think you will find the
matched-line loss for reasonably priced coax is greater than
the total loss in the less expensive open-wire line even with
their sometimes "high" SWRs. The losses in the cheapest TV
twin-lead are approximately the same as RG-8.

Moving the tuner to the antenna may lessen or increase the
losses in the tuner. Varying the length of the transmission
line to reduce losses in the tuner is an option not available
directly at the antenna.

73, Cecil, KG7BK, OOTC (not speaking for my employer)

3004. Can I boost the output power of a KW TM-741A?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-02 00:00:00 UTC
From: spade@onramp.net
Message-ID: <4h8jrj$ke9@news.onramp.net>
Source record: 204863
Cross-posted to: rec.radio.amateur.equipment,alt.radio.swap

I have a modified (extended band range) Kenwood TM-741A. I have the 28MHz, 144MHz, & 440MHz band units installed. The output power is 50W for the 28 & 144, and 35W for the 440. I would like to boost the output power to around 100W for each... (although I could live with less on the 440.). Please ignore my lack of knowledge in this area. Also, please post replies here as I am going to change my ISP soon. tia.

3005. HM-10 FOR SALE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-02 00:00:00 UTC
From: rhamilton@ash-uky.campus.mci.net
Message-ID: <4h8kor$2fg@ns.campus.mci.net>
Source record: 204864

I have for sale a Heil HM10 mic with stand and #4 element.
This is wired ffor Kenwood. Price $70......73 ,Ron

3006. fs:hm-10

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-02 00:00:00 UTC
From: rhamilton@ash-uky.campus.mci.net
Message-ID: <4h8l5o$2fg@ns.campus.mci.net>
Source record: 204865

i have for sale a heil hm-10 mic with #4 element and desk stand.
price $70 shipped.....73 kr4wr ron

3007. Re: What is this Hallicrafters?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-02 00:00:00 UTC
From: tony@bright.net
Message-ID: <4h8j97$8gm@cletus.bright.net>
Source record: 204866
Cross-posted to: rec.antiques.radio+phono,rec.radio.amateur.equipment

This set is most likely the SX-16 or SX-17 Super Skyrider, circa 1939.
I'm working on a SX-17 now - it's a super radio, just like it says! A
cabinet was made for the set, as I have one with mine, but a cabinet
for most of the Hallicrafters models of that year will fit.

I would value this radio, with cabinet, at $125 to $175, depending
upon condition and the desire of the buyer.

Enjoy the Super Skyrider.

73 de N8SNC, Tony

3008. Re: Ham Stores in NYC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-02 00:00:00 UTC
From: evelez@netgate.net
Message-ID: <4h8jdf$dcf@ftp.netgate.net>
Source record: 204867

john.przychocki@tglbbs.com wrote:

>I've been hearing about another store other then Barry's in NYC. Can
>anyone give me Name and Address (maybe even a telephone number too.)
>????
> Thanks.

For those interested in getting a better deal then Barry Electronics
head over to:

KJI Electronics in Cedar Grove NJ
K2KJI Gene
(201)239-4389
Mon-Fri 7pm to 10pm
Sar noon to 5pm
Sun 1pm to 5pm

Call first.

3009. FOR SALE: ICOM - IC211 2 METER ALL MODE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-02 00:00:00 UTC
From: PHIL DIAZ <hc@primenet.com>
Message-ID: <4h8ul5$6vu@nnrp1.news.primenet.com>
Source record: 204868

DEAR HAMS,

AFTER THE SUCCESS I HAD SELLING MY ICOM IC38A, MY FRIEND CLINTON KC7KZT ASKED ME IF I WOULD LIST HIS RADIO. WHERE HE IS LOCATED, HE DOES NOT HAVE ACCESS TO THE INTERNET. SO HERE IT GOES!

CLINTON HERBERT KC7KZT HAS AN ICOM IC211 2 METER ALL MODE BASE STATION.
-IT IS AN AC DC UNIT
-IT COMES WITH A COMMUNICATOINS SPECIALIST TE-32 VARIABLE TONE ENDODER
-AN IC RM2 REMOTE CONTROLLER WITH KEYPAD
-AN ICOM IC-SM2 DYNAMIC DESK MICROPHONE
-OWNERS MANUALS FOR BOTH THE RADIO AND THE REMOTE CONTROLLER

THE UNIT IS IN EXELLENT CONDITION FUNCTIONALLY AND COSMETICALLY CLINTON KC7KZT IS ASKING $400 FIRM AND CAN BE REACHED AT (520-646-5485) THAT'S IN COTTONWOOD, AZ. IF YOU WANT SINCE I AM IN RADIO CONTACT WITH HIM, YOU MAY RESPOND TO ME ALSO AND I WOULD BE GLAD TO RELAY THE MESSAGE TO HIM. THANK YOU VERY MUCH FOR TAKING THE TIME TO READ THIS LETTER. SINCERELY YOURS, PHIL KC7AFB

3010. FOR SALE: ICOM - IC211 2 METER ALL MODE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-02 00:00:00 UTC
From: PHIL DIAZ <hc@primenet.com>
Message-ID: <4h8un2$71e@nnrp1.news.primenet.com>
Source record: 204869

DEAR HAMS,

AFTER THE SUCCESS I HAD SELLING MY ICOM IC38A, MY FRIEND CLINTON
KC7KZT ASKED ME IF I WOULD LIST HIS RADIO. WHERE HE IS LOCATED, HE DOES
NOT HAVE ACCESS TO THE INTERNET. SO HERE IT GOES!

CLINTON HERBERT KC7KZT HAS AN ICOM IC211 2 METER ALL MODE BASE STATION.
-IT IS AN AC DC UNIT
-IT COMES WITH A COMMUNICATOINS SPECIALIST TE-32 VARIABLE TONE ENDODER
-AN IC RM2 REMOTE CONTROLLER WITH KEYPAD
-AN ICOM IC-SM2 DYNAMIC DESK MICROPHONE
-OWNERS MANUALS FOR BOTH THE RADIO AND THE REMOTE CONTROLLER

THE UNIT IS IN EXELLENT CONDITION FUNCTIONALLY AND COSMETICALLY
CLINTON KC7KZT IS ASKING $400 FIRM AND CAN BE REACHED AT (520-646-5485)
THAT'S IN COTTONWOOD, AZ. IF YOU WANT SINCE I AM IN RADIO CONTACT WITH
HIM, YOU MAY RESPOND TO ME ALSO AND I WOULD BE GLAD TO RELAY THE MESSAGE
TO HIM. THANK YOU VERY MUCH FOR TAKING THE TIME TO READ THIS LETTER.
SINCERELY YOURS, PHIL KC7AFB

3011. opinions requested on Icom IC-Z1A and Yaesu FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-02 00:00:00 UTC
From: art timmers <art_timmers@mindlink.bc.ca>
Message-ID: <3138000A.22098169@mindlink.bc.ca>
Source record: 204870

I am narrowing down my list of 2M handheld radios that I want to buy -- I wouldn't mind having some opinions
on either one of the two radios in the subject of the posting. Pros or cons on either one of them. I kind
of like the removable control panel on the Icom, but other than that, am probably just going to flip a coin,
if I don't get any negative comments on either one.

Thanks for any information given.

John Timmers VE7 JBT (just got that ID today, BTW; I wrote and [quite obviously] passed my basic
qualification two weeks ago :-) [gotta' reward myself with a new radio ;-)

3012. Re: Periphex Inc-still around?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-02 00:00:00 UTC
From: JOHN.LEMOINE@THE-SPA.COM
Message-ID: <4h9ugu$ev8@news.paonline.com>
Source record: 204871

reed@pacifier.com () wrote:

>Barry Kutner (barry@w2up.wells.com) wrote:
>: > >I have been referred to a company called Periphex Inc of Oxford, Connecticut
>: > >as a supplier of very good ni-cad battery packs for handhelds. Unfortunately: > >the address and fax number I was given appear to be out of date, or the
>: > >company
>: > >has gone bust.
>: > >Thank you,
>: > >Al Bolton
>: > >OK8VSQ/OM/G4VSQ
>: > >Caversham, UK
>: >
>:
>: I once had some batteries from Periphex that wouldn't hold their charge.
>: They refused to honor the warranty and exchange them. Let the buyer
>: beware!

>Myself and 3 friends all ordered batteries from Periphex for IC-W2A Icom
>handhelds. All 3 cases broke around the mount within 2 months. Periphex
>refused to honor their "1 year warranty" and all 3 had to be tossed.

>DO NOT BUY FROM PERIPHEX! You will regret it!
>-----
Wow! I bought the same battery for the same radio and had the same thing happen within a month or two!!!! I'm glad I read this post as I was about to order another battery from those rip-offs!!! They told me mine was the only case they had heard of with this problem and I must have banged the case causing the damage, I knew that wasn't the case. I was sliding the battery off the radio and the track on the battery just fell off, I assumed it was a defect in the housing case and now I know I was right. I'll look eleswhere for now on for replacement batteries. Periphex is off my recommended list.

John/KC1TV

3013. Re: What is this Hallicrafters?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-02 00:00:00 UTC
From: moo@cwo.com
Message-ID: <moo-0203960151310001@pm1.cwo.com>
Source record: 204872
Cross-posted to: rec.antiques.radio+phono,rec.radio.amateur.equipment

In article <4h7j7n$lfa@isnews.csc.calpoly.edu>, doragsda@oboe.calpoly.edu (D. Ragsdale) wrote:

-> I've had this old Hallicrafters receiver for about 20 years; I've used
-> it a lot for shortwave listening - it's still a great receiver - I'm
-> just wondering when it was made and if it has any collector value or if
-> it's just a neat old radio. Description:
->
-> Very large, rack mount, facepiece is 9 inches high by 19 inches wide.
->
-> No cabinet, don't know if it ever had one.
->
-> No model number I can find, but says "Super Skyrider" on the tuning
-> dial. The tuning dial is a 5 inch diameter metal (aluminum?) disk
-> sitting out in front of the facepiece, with freqs. etched in it -
->
-> Radio tunes from 550 KHz to 61 MHz in 6 bands (61 MHZ? why?)
->
-> Has standard meter and controls, including crystal phasing, pitch
-> control, bfo, etc.
->
-> Knobs appear to be black bakelite.
->
-> Any info. would be appreciated. Thanks in advance.

One of my books lists the *Super Skyrider* as being the model SX-9, made in 1936. Hallicrafters ham gear usually came in metal cabinets, somewhere along the line yours has had its cabinet removed for whatever reason. This was intended to be a ham communications reciever, so it goes up to unusually high frequencies. As for collector value, not much in the way of monetary value. But Hallicrafters radios were very well made and are still great for DXing-my first shortwave reciever was a 1946 S-40 given to me when I was a kid by an old ham who didn't need it anymore, and I still use it.

3014. Re: Icom IC 736 Question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-02 00:00:00 UTC
From: feustel@netcom.com
Message-ID: <feustelDnn4I0.EAs@netcom.com>
Source record: 204873

Robert Redoutey (KF5KF) wrote:
: I have a IC 736. When the volume is down all the way, I still get a hiss
: from the speaker. Is this normal? I have not had chance to hear anybody's
: 736 to see if it does the same thing or not.

: Is this normal for this rig, before I send it back?

I think this may be normal for digital receivers. Even my portable
am/fm radio does that.
--
feustel@netcom.com
Dave Feustel N9MYI For PGP Public Key, finger feustel@netcom.com
Fort Wayne, IN Or else access http://www.mixi.net/~feustel/
219-483-1857

3015. Kenwood TM241 Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-02 00:00:00 UTC
From: ☐Jeremiah Rogers <103307.2155@CompuServe.COM>
Message-ID: <4h9m5kbjf1@mhadg.production.compuserve.com>
Source record: 204874

I've got a Kenwood TM241A that I've had for about a month. It seems to work
fine, except that the antenna connection seems to "ground out", or hinder any
signals when I connect the shield of the coax to it. Is anyone out there having
this problem, or do you know how to fix it? I've had no luck with the folks
at Kenwood, and I've done several tests to confirm that the problem isn't
in my antennas or cables. It's on the rig itself. I don't know much about
newsgroups, as this is my first indeavor into them, so I will not go into
details as to my efforts and ideas. If someone can help me, send me some mail
and I'll get back to you within a week. I'm on spring break from college now,
so I don't know exactly when I might get back on. Thanks a bunch,
and 73 to all.
--
Jeremiah Rogers, KE4LSU, 103307.2155@compuserve.com
"There are always three sides to every story:
the two sides told,
and the side untold."--my father

3016. Re: Info about Wilson Repeaters?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-02 00:00:00 UTC
From: Chris Boone <72732.2610@CompuServe.COM>
Message-ID: <4h9qnk$51k$1@mhafc.production.compuserve.com>
Source record: 204875

Wilson WAS part of Regency (now RELM) but I think they were sold to TriElectric
You might get some info on the rptrs from either RELM or TriElectric..
RELM can be reached at 317-545-4281
Dont have a current number or address for TriElectric....not sure if they go by that name anymore.....
BUT IM sure someone here will be able to help.....or at least RELM/Regency
can point you in the right direction!

73
Chris

--
Senior Telecommunications Technician 72732.2610@CompuServe.com
ENTERGY/Gulf States Utilities 1:106/4267 FIDOnet
WB5ITT - Advanced Class BBS- 409-447-4267 (WBBS)
PG-9-5322 FCC Commercial 409-525-2001 PhoneMail 24hr

3017. Yaesu MD-1 Question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-02 00:00:00 UTC
From: mbrinkho@falcon.inetnebr.com
Message-ID: <4haafp$5a9@duck.inetnebr.com>
Source record: 204876

I recently purchased a used Yaesu MD-1 at a hamfest. It seems the audio is a bit low on the mic - unless I talk about 1/2-1" away from the mic it barely moves the power out meter.

I have previously used the HM-1 hand mic and a preamplified (turner) mic with the rig, both of which produced quite a bit of movement on the meter when I was speaking (SSB, of course.)

The rig is a FT767GX.

Is this normal for a MD-1, or is there something wrong? (Before you ask, the switch is in the 600 ohm position.)

Thanks.

--
Matt C. Brinkhoff, KB0RXC
mbrinkho@inetnebr.com
http://incolor.inetnebr.com/mbrinkho
Lincoln, Nebraska [EN10]

3018. Does this go to Usenet?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-02 00:00:00 UTC
From: Drew@gremlin.GReenville.lib.sc.US
Message-ID: <199603022225.OAA03261@UCSD.EDU>
Source record: 204877

Does this mailing list gateway to usenet?
Drew@gremlin.greenville.lib.sc.us
Drew Nichols- Department 56 List Manager

http://www.forthrt.com/~drewcom/dept56/

3019. Re: CBs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-02 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <DnnxGy.33I@iglou.com>
Source record: 204878

Yes but no comment.

: I'm lookin around for some low cost cb with a range of a couple of
: miles. Anybody got any suggestions ?

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

3020. FS: RCI-2950 10MTR XCVR

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-02 00:00:00 UTC
From: Paul Kirsfelds <PKirsfelds@medio.net>
Message-ID: <4h9u6q$mce@wisdom.connectsoft.net>
Source record: 204879

FOR SALE:
RCI-2950 All mode transceiver with extended coverage.
Good condition with all items in the box.
$175
Please call Mitch:
(206) 781-1604 Seattle, WA
24 hrs voice/fax

3021. Re: IC 706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-02 00:00:00 UTC
From: com-com@t-online.de
Message-ID: <4h9kn3$ndf@news00.btx.dtag.de>
Source record: 204880

Re: IC 706 TX on VHF

every litle Handy from Standard send from 110 to 170 MHz !
In europe can every without liz buy it !!!
Why is ICOM with the 706 so poor ??
politicle ?
I think a relais or a transistor bring the same, but who knows ?

best reg.

dd 0 yq (i have also Air and Sea liz)

3022. htx-212

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-02 00:00:00 UTC
From: Bryan or Melissa Mierau <mmierau@the.link.ca>
Message-ID: <3138D898.64E8@the.link.ca>
Source record: 204881

I am looking for information on the htx-212. I have repaired a few units, that have had the pin diode on the receive
circuit, gone bad. Also have had a unit where the foil trace on one of the output coils has been shorted to the
ground plane of the unit. Has anyone else seen anything of these units.

Bryan

3023. Re: IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-02 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <DnnBuI.GGB@iglou.com>
Source record: 205001

I've got one and love it. When they say deaf on VHF they are talking
about spectrum outside of the ham bands for which the radio was not
designed to receive. It's very hot on 2 meters! I don't think you have
much to worry about.

: I'm getting some info on the machine at present and comments from
: those who know the rig. Today I was told by one person to forget
: it, it was deaf on vhf and owners were now encountering faults.
: Another person told me he loved the machine but to wait until the
: initial bugs had been corrected!

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

3024. Re: What is this Hallicrafters?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-02 00:00:00 UTC
From: AC6V <ac6v@ix.netcom.com>
Message-ID: <4h86tv$pe4@cloner2.ix.netcom.com>
Source record: 205002
Cross-posted to: rec.antiques.radio+phono,rec.radio.amateur.equipment

Mr (Ms) Ragdale. My July 1940 copy of "Radio" Magazine shows an ad for the "New" Hallicrafters Super Skyrider. It matches your description but six bands 540Kc to 43 Mc coverage. Two stages of preselection -- push-pull hi fi audio. Featured a Jensen speaker as an accessory. Price -- $159.50 with 14 tubes less speaker.

Send me an SASE and I will Xerox the ad for you.

73 Amateur Radio Speak for Best Regards)
Rod
****
Hark! I Have Hurled My Words To The Far Reaches Of The Earth!
What King Of Old Could Do Thus ? --- AC6V
****
A Man May Know Of The World Without Leaving The Shelter Of His
Own Home!
Loa-Tsze
****

3025. Pye Westminster TX/RX info needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-02 00:00:00 UTC
From: wotan@cadfael.demon.co.uk
Message-ID: <825728320.23088@cadfael.demon.co.uk>
Source record: 205003

Greetings,

I recently aquired a Pye Westminster transciever from a ARC rally, and I am looking for any info relating to it, especially circuit diagrams or pin outs for the many plugs.
All I know is that it transmits and recieves on two different, fixed frequencies around 170Mhz.

Any information would be much appreciated.

Please send info by email if possible, as the feed for this group is a bit slow here. (By all means send it to the group as well, if you feel it necessary.)

TIA

Andy

andy@cadfael.demon.co.uk
cadfael@eskimo.com

3026. Re: What is this Hallicrafters?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-02 00:00:00 UTC
From: AC6V <ac6v@ix.netcom.com>
Message-ID: <4h8789$pe4@cloner2.ix.netcom.com>
Source record: 205004
Cross-posted to: rec.antiques.radio+phono,rec.radio.amateur.equipment

P.S.

You may be able to obtain a copy of a manual for the 1940 Hallicrafters
Super Skyrider from:

DSM DIVERSIFIED
909 WALNUT STREET
ERIE, PA 16502-1374

They were able to supply manuals for my S-40B and my SX-100 Hallicrafters.

73
Rod
****
Hark! I Have Hurled My Words To The Far Reaches Of The Earth!
What King Of Old Could Do Thus ? --- AC6V
****
A Man May Know Of The World Without Leaving The Shelter Of His
Own Home!
Loa-Tsze
****

3027. unsubscribe

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-02 00:00:00 UTC
From: rhoads@dickinson.EDU
Message-ID: <Pine.OSF.3.91.960301200909.10388D-100000@alpha.dickinson.edu>
Source record: 205005

```
cancel all subscriptions
```

3028. Re: ANYONE SELLING BENDIZ/KING

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-02 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4h83ro$10g0@news.ccit.arizona.edu>
Source record: 205006

dbill@tigger.cc.uic.edu (William R Davidson KA9SWW) writes:
>> felix@netwizards.net (Steve Foster) writes:
>>From: felix@netwizards.net (Steve Foster)
>>Subject: ANYONE SELLING BENDIZ/KING
>>Date: Thu, 29 Feb 1996 09:31:29 GMT
>>IF ANYONE IS SELLING A BENDIX/KING TWO-RADIO
>>PLEASE EMAIL ME.. I LOOKIN FOR ONE THAT IS 440-512MHZ.
>>THANX. STEVE.
>try Bennet Communications in Flint Michigan

Or try Bendix/King Mobile Communications Products
2901 Lakeview Road, Suite 100
Lawrence, Kansas 66049
913-842-0402 General
800-523-5955 Order Entry
913-841-0287 FAX
407-984-1414 International Order Entry
407-676-4403 International FAX

I imagine you'd find dealers you could haggle price with, but the
manufacturer will sell parts/radios/service directly.

Chris - N7RME

3029. Re: ADMS-1 Software for FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-02 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4h846o$sb2@news.ccit.arizona.edu>
Source record: 205007

lui@netcom.com (Stephen Lui) writes:
>470MHz into the FT-51R? I've been researching this lately because I want
>to monitor the local police, who are at 471.1375 MHz and most HT's don't
>receive that high unmodified. Is this as simple as entering 471.1375 into
>one of the memory locations and then downloading the data?
>
>mod. However, I really like the ability to program the FT-51R from my
>computer because I travel alot.
>

I don't know if this is possible with the FT-51R either with or without
ADMS-1. However, there is now an aftermarket alternative to ADMS-1. They
have a beta test offer out which discounts the product and provides free
upgrades. Don't have it yet, will be ordering it shortly. For info
check out the company's web page:

http://www.acsys.com

Chris - N7RME
"I'm not connected to the company - just sharing what I know"

3030. Collins - FAQ

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-02 00:00:00 UTC
From: crippel@exis.net
Message-ID: <4h88rc$nfl@grouper.Exis.Net>
Source record: 205008

Collins Collectors Association
Frequently Asked Questions (FAQ)
(Updated 3/96)

What is the Collins Collectors Association?

The Collins Collectors Association (CCA) is a not for profit organization dedicated to supporting Amateur Radio operators who share the opinion that Collins Radio made the very finest amateur communications equipment available. The Associations root's can be traced back to February of 1988 when Bill Wheeler, KDEW organized a 20 meter NET made up of 17 like minded Collins users. That small group grew to over 1,200 by 1993.

The purpose of the Association is to:

-Promote the care and use of Collins Amateur Radio Equipment
-Preserve the history and lore of Collins Radio Equipment
-Provide an information archive for Collins Radio Equipment

What are the benefits of belonging to the CCA?

For the active Collins user, belonging to the CCA can be extremely beneficial. Our membership has a vast collection of printed matter relating to Collins Radio including both technical and promotional material. A simple verbal request on any one of our 3 nets for technical information or a service part can result in half a dozen or more offers of help. We also have an informal group of extremely capable
"Senior Technical Staff Advisors" who work on a volunteer basis to help members solve what can be complicated technical problems encountered in Collins amateur products.

An added benefit, members receive our quarterly newsletter, The Signal.
They also receive a handsome, numbered membership certificate suitable

for framing. The CCA offers other Collins related items available exclusively to members such as extremely high quality QSL cards, CCA name badges, tee shirts and other memorabilia.

Because the CCA stands for and promotes gentlemanly and amateur-like operation, there is a real opportunity to share in quality fellowship with other CCA members. You may even meet a few of our members who were employed by Collins Radio and were instrumental in designing, producing, marketing and supporting Collins Radio equipment. Some of those members are Warren Bruene, W5OLY who designed, among other

things, the 30S-1 linear amplifier and 30K-1 transmitter and was Collins most tenured employee having started in 1939 and retired in 1984.
Member Dennis Day was one of the prime engineers on the 75S-3 and Gene Senti was the designer of the KWM-2, 30L-1 and KWS-1. We are proud to have these fine gentleman who have both directly and indirectly contributed much to amateur radio.

For those who may wish to add to a station or collection, the CCA attracts an elaborate and reliable network of equipment sellers as well as members who may be interested in selling or trading their own gear.

How does one become a member of the Collins Collectors Association?

Any person who has an interest in Collins Radio is welcome to join us.

Annual dues are $15 for those living in the US and Canada and $18 elsewhere. Again, this includes the membership certificate and our quarterly newsletter, The Signal.

Mail your remittence in US funds to:

The Collins Collectors Association
PO Box 840924
Pembroke Pines, FL 33084-0924
E-Mail: collins@exis.net

We support a 2-way exchange of information with our membership and encourage everyone to share their experiences. The Association offers

the best benefit and value to all when members share their Collins related experiences and situations.

How do I stay in touch with and participate in the CCA?

Besides our quarterly newsletter, the CCA currently has 3 affiliated nets which meet weekly. They are as follows:

The 20M net meets every Sunday on 14263 at 2000UTC. This is our formal,
directed net which usually has the greatest number of check-ins. It is dedicated to both technical subjects and the listing of equipment buy/sell opportunities.

The CCA also supports two weekly 75M nets. The first meets Tuesday nights on 3805 at 0100 UTC and the second meets Thursday nights on 3875 also at 0100 UTC. The 75M nets are designed to be informal with open discussions and the least amount of structure possible.

Chuck Rippel, WA4HHG
crippel@exis.net

Is there Life After 5 mHz?

```
-------------------x Reply Separator x-------------------------
```

3031. C.P.I. Radios

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-02 00:00:00 UTC
From: lcarpent@freenet
Message-ID: <4h8ku4$i3t@brain.npiec.on.ca>
Source record: 205009

Looking for info on Communicatiosn Power Inc CB radios.

--

// Amiga Corporation!
// The Buttheads Blew IT!
\\ // Len Carpenter
\X/ (lcarpent@freenet.npiec.on.ca)
A Believer in Welland, Ontario Canada

3032. Re: HOW DO I ERASE A LISTING?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-03 00:00:00 UTC
From: subbustr@whidbey.net
Message-ID: <4haqe8$es1@whidbey.whidbey.com>
Source record: 204882

It shud be "DELETED" automaticly in 8-10 days.

subbustr@whidbey.net

3033. Check out the action at http://www.txdirect.net/~mrt53/

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-03 00:00:00 UTC
From: Truth@Honest.gov
Message-ID: <4hb3em$ehd@nimitz.fibr.net>
Source record: 204883

Check out the action at http://www.txdirect.net/~mrt53/Check out the action at
http://www.txdirect.net/~mrt53/Check out the action at
http://www.txdirect.net/~mrt53/Check out the action at
http://www.txdirect.net/~mrt53/Check out the action at
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http://www.txdirect.net/~mrt53/Check out the action at
http://www.txdirect.net/~mrt53/

3034. Re: Looking for comments re FT-1000MP & TS-870S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-03 00:00:00 UTC
From: rval58@aol.com
Message-ID: <4hd893$nad@newsbf02.news.aol.com>
Source record: 204884

Paul, Doesnt the FT-1000D cost about 80% more than the 1000MP? -- but you said it was an upgrade? Wondering if you can tell me more about the other A/B differences between the D and MP, as I currently have a 1000D. I was wondering about the MP anyways. I have a few other questions, Ill go direct email for them, thanks!

3035. Re: WANT ORIGINAL PRICE ON AMP SUPPLY LK500-NTC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-03 00:00:00 UTC
From: thompson@atl.mindspring.com
Message-ID: <4haon7$csg@B1FF.mindspring.com>
Source record: 204885

Gary Davidson <reporter@sparc1.castles.com> wrote:

>I have just obtained an excellent used Amp Supply LK500-NTC amp, I
>believe the company is now out of business, but would like to know what
>this particular model sold for new. Please respond thru this group -
>thanks!

>--
>Gary... KJ6Q...

Amp Supply is out of business. The LK550NT sold for $2,250 retail
(there was no NTC). Several dealers sold the amp and the average ham
net was $1950. The regular tune version was $1895 retail and averaged
about $1600.

73, Dave K4JRB

3036. WTB YASEU FEX-736-1.2(A) MODULE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-03 00:00:00 UTC
From: BMBJ94A@prodigy.com
Message-ID: <4hb9fb$hmu@useneta1.news.prodigy.com>
Source record: 204886

I WILL PAY ANY REASONABLE PRICE FOR THE YASEU FEX-736-1.2(A)
MODULE. R.S.WEISS BJBJ94A@PRODIGY.COM OR CALL 619-459-1553
SAN DIEGO CALIF.

3037. Re: Best 1.5KW HF AMP?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-03 00:00:00 UTC
From: Clark Fishman <75353.2175@CompuServe.COM>
Message-ID: <4hbdhjesa1@mhafc.production.compuserve.com>
Source record: 204887

I have Ten-Tec Titan and I'm very happy with it. Compact, runs
cool, puts out full power, stable, well built.

--
Jack Althouse K6NY

3038. Re: Kenwood TK 220

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-03 00:00:00 UTC
From: "\\Squeak\" Porray <ad7k@199.2.253.2>"
Message-ID: <4hbaei$dge@bighorn.accessnv.com>
Source record: 204888

The TK220 is one of Kenwood's commercial two-way radios (the "TK" is the give-away on this one) ... look under "Radio Communications Equipment" in your local Yellow Pages to see if you have a Kenwood dealer near you (not Ham - Commercial!) and contact him.

If that doesn't work for you, check the Kenwood page on the WWW.

73, and Good Luck!

"Squeak" Porray, AD7K
Manager Amateur Electronic Supply/Las Vegas

3039. Re: ADMS-1 Software for FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-03 00:00:00 UTC
From: Les Butler <lsbutler@cris.com>
Message-ID: <3139EF66.D1@cris.com>
Source record: 204889

tomching wrote:
>
> You can not enter RX frequency greater than 470 MHz on ADMS-1 Software
> so you can't load RX frequencies greater than 470MHz into the FT-51R by
> ADMS-1.
> If you want to do this, you can try EZ Clone.
>
> http://www.acsys.comSorry wrong number!

With ADMS software you can enter Rx freqs up to 999Mhz...There is no 900 Mhz tuner section but it can be done. During a visit to L.A. I entered all the LAPD 500 Mhz freqs into the 51 before I left home. It worked great as a scanner. Basically you can enter any freq from about 60 to 999 via ADMS software.

In the Win.ini file you will fnd a section marked FT51 Programmer

You must enter this statement in that section:
allowanyfrequency=1
The above will then let you enter any Rx freq via the software only, not the keypad. If you have an old version of ADMS pop over the my Homepage and download the latest patch....http://www.cris.com/~lsbutler

73's KB8WKE

3040. Re: ADMS-1 Software for FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-03 00:00:00 UTC
From: sims@dduck.acsys.com
Message-ID: <4hb44q$p8f@mtv.acsys.com>
Source record: 204890

lui@netcom.com (Stephen Lui) writes:

>Will the ADMS-1 software allow you to load RX frequencies greater than
>470MHz into the FT-51R? I've been researching this lately because I want
>to monitor the local police, who are at 471.1375 MHz and most HT's don't
>receive that high unmodified.

For the record, EZ Clone will program the FT-51R with frequencies from
000.000 to 999.999 MHz, including 471.1375. The radio will display
that frequency on its display, and we've even got the FT-51R to
receive signals at 471.1375. Of course, I doubt the radio will
receive 800 MHz. :^)

More info on EZ Clone: http://www.acsys.com or ezclone@acsys.com

cheers,
dave sims, kc5jkn
--
dave sims
sims@acsys.com
kc5jkn
http://www.acsys.com -- software for programming amateur radios

3041. Re: Key jack placement...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-03 00:00:00 UTC
From: cardenas@kaiwan.com
Message-ID: <4hcgj8$7p5@kaiwan.kaiwan.com>
Source record: 204891

>...
>No, it is just that in a home setting, the key is connected all the time
>and thus does not need to be in the front. The mic and headphones are
>always being connected and disconnected and therefore need to be in the
>front.

>Nice try on justifying the demise of the CW requirement but...

> NO DICE!

> CW STAYS!

'Oh, Plezzze!

CW sucks, Elmer. Even the US Coast Guard no longer requires it! And for good reason... CW is a dead, useless, outdated, archaic mode of communications. Face it, CW is dead ~ finished. I'd sooner use a jungle drum.

Can you imagine how many talented persons have been locked out of our ham radio fraternity because they couldn't learn the code? Otherwise, these are very gifted engineers, technicians, programmers, non~technicals, just plain folks from across the whole US; citizens all. All denied the ham radio privilege because they could not learn/retain the stupid code! Even the feds finally woke-up to that. ARRL did too, think of all the memberships they were missing out on?

As a ham for twenty five years plus, I've used CW only once, really, to upgrade to General because I was interested in 10 meters. A important point is that I have never USED CW on ten or any other band with exception of 1 year as a Novice in high school! I hated code then, I hate it now. The guys on two meters tested me over the air a few months back and I passed... That and a cup of coffee, I'd take the coffee.

If there must be a requirement for code, it should be for those who WISH to qualify for the code spectrum(s) set aside within our ham bands now. So how about a ham license with code endorsement? What's wrong with that? Those purest cuckoo's who live for the dah-de-dah's can pound till the cows come home!

We left our caves and spark-gaps behind, now it's time to burry CW. Hurumph!

Tony Cardenas
WA6IGJ, WV6ZJE (1963~Novice)

3042. Re: IC-706 Rx sensitivity is ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-03 00:00:00 UTC
From: mamoman@xs1.xs4all.nl
Message-ID: <4hd2s3$kq8@news.xs4all.nl>
Source record: 204892

I was at my local ham shop and cause i was interested in de alinco dx-70
or the icom 706 he told me that they have a mod for rx on hf for the 706,
But I saw a message on internet that a american expanded his receive from
0.15 to 35 and 45 to 60 Mhz..

So look around..
I don'y know if there is already a mod aviable on ftp site ftp.qrz.com
/pub/mods..

So good luck, and keep me posted..
Martin

Peter Shintani (shintani@tv.sony.co.jp) wrote:
: Hi
: I own an IC-706. I used it for a couple of months and find that the rx is bad
: atleast on HF.(6m seems ok if the preamp is turned on, I have yet to use 2m)
: Or atleast I think it is bad. For example, unless the preamp is turned on,
: it doesnt' receive much on HF. Furthermore when the pre-amp is turned on, the
: NF of the receiver seems to degrade considerably. When a low level signal
: ie under 10 uV (50 term) is applied to the receiver, it seems to become noiser
: instead of quietening down. I didn't think that this is normal. Does anyone have
: any comments concerning on how to measure the NF and sensitivity of an HF rx.
: (I used an HP8640B as the signal source, being analog it's suppose to be
: pretty low noise, both am and phase wise)
: The service man commented that it was with in spec. I rebutted that when compared to
: other ICOM radio with the similar spec's, it doesn't hear as well. The service man then
: commented that the margin between actual performance and the spec's is much less
: with the IC-706 since the circuitry has been simplified to fit in the smaller box.

: I would appreciate any comments from people who have taken in their 706's
: in for repair for bad rx and how the complaint was handled.

: VE7-CQA from JA land

3043. Intermod Probs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-03 00:00:00 UTC
From: ScottP@pobox.com
Message-ID: <313a19f8.150023915@news.anet-dfw.com>
Source record: 204893

I have a Kenwood 733A and get serious intermod problems on 2 meters.
Is this characteristic of most dual band rigs? Is there anything I
can do with the antenna to reject some of the intermod? Thanks.

- Scott Poest
Amateur Radio Operator KB8KGU Irving, TX
Email : ScottP@pobox.com
Web Page : http://www.anet-dfw.com/~spoest

3044. PC to FT-51R Interface Cable

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-03 00:00:00 UTC
From: lui@netcom.com
Message-ID: <luiDnoM3L.2o0@netcom.com>
Source record: 204894

Can I construct a PC to FT-51R interface cable with just DB-9 connector, a 1/8" stereo phone jack, and some cable? Does anyone have a wiring diagram? I plan to use the cable with EZ Clone, and the cost is the software is $15 less w/o the cable.

The Yaesu newsletter said a clone cable can be made from two stereo 1/8" phone plugs and some cable.

Stephen
KF6BTE

3045. WTB Hallicrafters SX110

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-03 00:00:00 UTC
From: John Palmer <jpalmer@mn.state.net>
Message-ID: <4hcbur$s03@jenny.state.net>
Source record: 204895

Would like to purchase an SX-110 in nice cosmetic shape. It doesn't need to work.

Thanks, John Palmer, WA0NTT

3046. Wanted $: Tandy Modem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-03 00:00:00 UTC
From: sandhurst@acslink.aone.net.au
Message-ID: <4hb5nu$lc0_002@cpe.Melbourne.aone.net.au>
Source record: 204896

Wanted to Buy:

Tandy Modem 300 Baud, Direct Connect DCM6
Manual Switch originate / answer

ALSO:

Require circuit diagram of the CICADA modem.
Reasonable Price on Offer

Contact Geoff Butterworth
c/o sandhurst@acslink.aone.net.au
or
Coburns Lane
Toolernvale
Victoria, 3337
AUSTRALIA

****
You have been written to by
THE 'MORPH
Have a nice life

Paul C. Hubbard

sandhurst@acslink.aone.net.au
****

3047. Re: Mods/Comments for Yaesu FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-04 00:00:00 UTC
From: tomching <tomching@intercon.net>
Message-ID: <3139C3CA.2D54@intercon.net>
Source record: 204897

Stephen Lui wrote:
>
> Does anyone who owns a FT-51R have any comments on the unit or the
> programming software? Does the unit truly only receive to 470MHz? The
> magic number for me is 471.1375MHz, the frequency of our local police,
> which I like to monitor.
>
> Does anyone know of any mods for the FT-51R (preferably keyboard) to
> extend the RX range? The unit is so small that I would think any hardware
> mods would be difficult.
>
> Stephen
> (Iching to buy an HT, as soon as I can decide which one!)

You can find mods at
ftp://oak.oakland.edu/pub/hamradio/mods/yaesu/

3048. Help VHF linear Command2

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-04 00:00:00 UTC
From: hb9deu@org.mcnet.ch
Message-ID: <4hegqg$k7r@mc3.mcnet.ch>
Source record: 204898

Hello O'ms

For my friend HB9SNR i'm looking for info about VHF linear command-2
from Command Technologie in Ohio. if e-mail address or www site

hb9deu (Francis Sudan)

3049. FOR SALE ICOM IC211 2 METER ALL MODE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-04 00:00:00 UTC
From: PHIL DIAZ <hc@primenet.com>
Message-ID: <4heccg$j1e@nnrp1.news.primenet.com>
Source record: 204899

HI EVERYONE,
I COULDN'T FIND MY LISTING,SO I'M POSTING IT AGAIN. IF THIS IS POSTED
MORE THAN ONCE, WOULD YOU PLEASE REPLY TO LET ME KNOW?

ANYWAY I POSTED AN ICOM IC211 2 METER ALL MODE TRANCEIVER, IT HAS THE
FOLLOWING:
- THE UNIT IS AC AND DC
- IT HAS THE VARIABLE COMSPEC TE-32 PL TONE ENCODER
- AN ICRM2 REMOTE CONTROLLER KEYPAD FOR PUNCHING IN THE FREQUENCY
- AN ICOM DESK MICROPHONE
- OWNERS MANUAL AND SCHEMATICS FOR BOTH THE RADIO AND THE REMOTE KEYPAD

IT IS IN EXCELENT CONDITION FUNCTIONALLY AND COSMETICALLY.
I AM POSTING THIS FOR KC7KZT A FELLOW HAM THAT DOES NOT HAVE ACCESS TO
THE NET AS WE DO. HE IS ASKING $400 FOR IT , HIS PHONE #(520)-646-5485.
OR YOU CAN E-MAIL ME AT hc@primenet.com. AND I WILL RELAY ANY MESSAGES TO
HIM VIA THE RADIO.
THANK YOU, I HOPE THIS ONE POSTS!
PHIL

3050. Re: RFI Proof Paint Available?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-04 00:00:00 UTC
From: haggart@ssrl01.slac.stanford.edu
Message-ID: <1996Mar4.032533.1@ssrl01>
Source record: 204900

Zack Schindler, N8FNR (zaax@aol.com) asked:

> Does anyone out there know of any company that produces a
> paint that reduces RFI?

How about emulsified copper head gasket spray paint? You get it from auto parts stores.

I've never tried it for RFI shielding, but it may be a quick solution to your problem -- spray it on and ground it. Easy to check with an ohmmeter to see whether or not the binder prevents adjacent particles from conducting.

If you try it, let us know if it works!

--
-Craig Haggart, KC6VHO
haggart@slac.stanford.edu

3051. National HRO Power Supply Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-04 00:00:00 UTC
From: dinge@sugar-river.net
Message-ID: <4heq3l$j67@news2.ios.com>
Source record: 204901

Looking for a "Dog House" power supply for an National HRO. Please e-mail. Thanks, Dick Doremus

3052. National HRO Power Supply Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-04 00:00:00 UTC
From: dinge@sugar-river.net
Message-ID: <4heq56$j67@news2.ios.com>
Source record: 204902

Looking for a "Dog House" power supply for an National HRO. Please e-mail. Thanks, Dick Doremus

3053. Re: Announsing: Technology Patent Available For Purchase

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-04 00:00:00 UTC
From: paul@laughton.com
Message-ID: <4hdlvj$kvv@sun.sirius.com>
Source record: 204903
Cross-posted to: sci.astro.amateur,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.antenna,misc.invest.technical,misc.invest.stocks,misc.invest.funds,misc.invest.canada

gherbst@msn.com wrote:

>Gerhardt G. Herbst II, is the patent holder for "Cold Spot Module".
>This product is for sale to an individual or manufacturer.

>The "Cold Spot Module" is used to effectively reduce the operating
>temperature of integrated circuits such as computer CPUs to maintain
>reliability under extreme operating conditions. This module is protected
>under a U.S. Utility Patent issued in October of 1995. A Utility patent
>provides the strongest protection under U.S. law.

>An independent North American Market Study was done on the product and the
>potential market has been identified.

>The product has not yet been introduced to the general public but is referenced
>in the U.S. Patent catalog which is posted periodically. For an on-line reference
>refer to:

>http://www.uspto.gov

>Search on Patent Number: 5457342

>The title abstract is: Integrated circuit cooling apparatus

>Note: A search on just the patent number will bring up the details.

>Exclusive rights can be purchased reasonably with negotiable license term.

>For further information, contact Gerhardt G. Herbst II.

> Gerhardt G. Herbst II
> 133 Wynstay
> Valley Park, MO 63088
> Phone: (314) 861-0426
> E-mail: gherbst@msn.com

I wonder how Mr Herbst slipped this one past the prior art
investigation? This technology has been around since the early 70's -
at least. For example, IBM and Amdahl main frames made extensive use
of it.

3054. Re: FT 900 - turning off spontaneously?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-04 00:00:00 UTC
From: "Gregory J. Buhyoff" <buhyoff@vt.edu>
Message-ID: <4heuek$hnj@solaris.cc.vt.edu>
Source record: 204904

I meant to say --- turning OFF spontaneously ------

3055. Re: WTB: Kenwood TH21-AT accessories

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-04 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4het8m$s4r@mksrv1.dseg.ti.com>
Source record: 204905

Dave,
If anyone offers you any TH-21AT accessories that you
don't want, please refer them to me. I might want 'em.

Thanks and 73! Dean Hemphill, KC5NG
QRP%mimi@magic.itg.ti.com

3056. Re: Motorola HF gear?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-04 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4hetck$s4r@mksrv1.dseg.ti.com>
Source record: 204906

Motorola did manufacture HF equipment, for the Military.
Examples are the old R-390 / R-392 series of receivers.

3057. Re: CBs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-04 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4heteu$s4r@mksrv1.dseg.ti.com>
Source record: 204907

Roger,
I have a couple of nice clean used 40-channel mobile CBs
for sale, one Cobra and one Realistic (Radio Shack) for
$25 each postpaid. E-mail if interested.

Thanks and 73! Dean Hemphill, KC5NG
QRP%mimi@magic.itg.ti.com

3058. Re: ICOM IC-706 Poor Mic Gain

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-04 00:00:00 UTC
From: jayk@fc.hp.com
Message-ID: <4hf4cf$dc8@fcnews.fc.hp.com>
Source record: 204908

On a somewhat related subject. My 706 has rated output on HF and VHF
in the CW mode. However on SSB it only puts out about 30/40 watts on
HF and ~4 watts on 2m. If I whistle in the mike I get near CW output
but speech, no matter what the volume, produces the lower output.
The mike seems OK, turning the mike gain up doesn't make much difference
after level 2 or 3 and the processor only helps a little. ALC levels
seem normal and the 706 output meter indicates power out. I have tried
it on two good power supplies. Don't think it is pilot error. Any ideas
out there? ICOM tech support says send it back.

Does the 706 have a internal SSB power adjustment like some radios (my
old TS-930 had one)? How much does your unit put out on SSB?

73, Jay K0GU jayk@fc.hp.com

3059. WTB:Yaesu FT290R2

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-04 00:00:00 UTC
From: Kootz@apollo.ph1.uni-koeln.de
Message-ID: <4hf08v$8vn@news.rrz.uni-koeln.de>
Source record: 204909

Hi Hams !
I am looking for an FT290R2 all mode portable 144Mhz transceiver.
If you you have on for sale please contact me with you thoughts on the
price.
email: kootz@apollo.ph1.uni-koeln.de
best 73, thilo dl9kce

3060. How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-04 00:00:00 UTC
From: muenzlerk@uthscsa.EDU
Message-ID: <01BB09AC.3CFA92A0@muenzlerk.uthscsa.edu>
Source record: 204910

When *properly tuned* a good tuner will produce about .5db of insertion loss. So, the amount of RF power that a tuner consumes depends on how much power you put into it.

Kevin, WB5RUE
muenzlerk@uthscsa.edu

3061. STANDARD C508A: External Antenna?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-04 00:00:00 UTC
From: andy@clark.net
Message-ID: <4hfdc0$n2a@clarknet.clark.net>
Source record: 204911

Has anyone found one of those little mini screw-on connectors/adapters for the C508A antenna jack? Might be nice to try an external antenna sometime, but I've never seen a connector quite like this one.

BTW...are you as impressed with this unit as I am? The aircraft receive is the best I've ever heard; it even beats the reception on Standard's own C288A. Batteries seem to last forever, and it's just not that hard to get into a repeater with 280 mw. Would have just preferred a normal BNC antenna connector, though...

-andy, k4adl

3062. Re: Looking for attenuator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-04 00:00:00 UTC
From: cgreenha@magnus.acs.ohio-state.edu
Message-ID: <4hfiu1$873@charm.magnus.acs.ohio-state.edu>
Source record: 204912

>>Greetings,
>>I am looking for an active attenuator to be used on two
>>meters. When I am foxhunting, I get swamped whenever I
>>get close to the fox. I am using a KAY unit, and that
>>works ok until I get close, then I get swamped. I have
>>been told that I need the active attenuator so that I can
>>hook it up to the beam and then adjust it so I can get
>>closer before I get out with the ground gear. I have tried
>>using a talkie with no duck, but not much luck.
>
>>I am looking for something already made up as I have had
>>no luck with kits.
>
>>Any help would be appreciated.
>
>>Replies to:
>
>>rroberts@mcs.com or rroberts@sigg.com
>
>>Thanks
>
>>73
>
>>Rich - KA9MAB

Hi Rich.

I built a simple a simple attenuator at Radio Shack for just a few bucks, and it works great!

Just get one of their small metal (has to be metal!) project boxes, put a solder type chassis mount SO-239 on each end (2), and put 2 100k potentiometers inside (knob on outside of course) in series.

Ive used mine to win over a dozen hunts, and works with an HT too. Just remember to keep the line in between the attenuator and radio as short as possible, and dont transmit if you have loaded any resistance on the line.

Good luck, and e-mail me back if you need more specifics or part numbers.

Take care.

--
Christopher K. Greenhalgh, N8WCT
Computer/Electronic Tech. II at The Ohio State University

E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
Radio : n8wct@w8cqk.#cmh.oh.usa.noam

3063. Answer for FT 900 - spontaneous shut down

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-04 00:00:00 UTC
From: "Gregory J. Buhyoff" <buhyoff@vt.edu>
Message-ID: <4hfac3$l6v@solaris.cc.vt.edu>
Source record: 204913

Well, I just called Yaesu and here is what I found out. There was a CPU problem on some early versions of the FT 900 that would cause a spontaneous shut down. It was not indigenous to all radios even if they were part of the same manufacturing lot which contained some radios which suffered the problem. You can check to see if your radio is affected. Hold the A/B button and the V/M button while turning the power on. First, the display will light up with LCD segments displayed. After a slight delay the display will show a batch of numbers. The first three numbers (and the largest ones on the display) indicate the version of the CPU. If the number is 151 you have the newest version of the CPU with the fix for the problem. If the number is less than 151 then your unit may be display this problem, at some time and in random fashion. The reason I asked is that I bought a brand new FT 900 from AES last week and I noticed that, oddly, the serial number started with 4J06... Thus, I knew it was manufactured in October of 1994!! I knew that t this problem existed in some of the earlier units. My unit, however, has the new CPU unit in it. It displays a 151. So if you have a serial number later than 4J06... you are probably OK. I don't know why AES has brand new units that were made in 1994 unless Yaesu manufactured large batches early or if these were part of a very large stock. No matter. The mystery is solved as to the determination of which FT 900's may be affected by the spontaneous shut-down problem. I just wanted to share this information in case any of you are in the process of buying a used FT 900 (or a brand new one, for that matter!).

73, Greg KN4FR

3064. Re: Icom IC 736 Question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-04 00:00:00 UTC
From: "mike guest"
Message-ID: <4hfkdl$6om@news.clandjop.com>
Source record: 204914

I had a 736 about a year ago and it did not have the hiss
that u describe. I would call the dealer that it came from
and ask them about it. Good luck! MIKE

3065. Re: Announsing: Technology Patent Available For Purchase

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-04 00:00:00 UTC
From: gherbst@msn.com
Message-ID: <NEWTNews.825958328.26555.Postmaster@GGHERB.MONSANTO.COM>
Source record: 204915
Cross-posted to: sci.astro.amateur,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.antenna,misc.invest.technical,misc.invest.stocks,misc.invest.funds,misc.invest.canada

Paul,

That's a very blatent claim you make. This patent went through with only one need for clarification from the PTO. Obviously know one else sought such a patent which is evidence by the PTO issuing me patent # 5457342.

Those companies you mention have devices that are similar with respect to cooling only if you care to follow the patents mentioned on my abstract. However, NONE have developed the device I have NOR do they have a patent on such a device. As such, I am the sole owner to pursue development of this product or companies under infringement.

Gaerhardt G. Herbst

3066. Info on GE Exec 2 icoms

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-04 00:00:00 UTC
From: davef@radiozone.com
Message-ID: <4hf8jr$2k5@falcon.ns.net>
Source record: 204916

Need info on GE Exec 2 icoms. I've heard that other band icoms will work as well. I've got the 42-50 models of radio and need icoms that will function properly in them. Any info you can provide will be greatly appreciated! I also want to buy at least 4 rx and 4 tx icoms for these radios, so let me know.

Thanks!

Dave Fortenberry, N6MAI

3067. Re: FOR SALE ICOM IC211 2 METER ALL MODE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-04 00:00:00 UTC
From: dhughes@efn.org
Message-ID: <313b733e.102494438@news.efn.org>
Source record: 204917

PHIL DIAZ <hc@primenet.com> wrote:

>HI EVERYONE,
> I COULDN'T FIND MY LISTING,SO I'M POSTING IT AGAIN. IF THIS IS POSTED
>MORE THAN ONCE, WOULD YOU PLEASE REPLY TO LET ME KNOW?
>
>ANYWAY I POSTED AN ICOM IC211 2 METER ALL MODE TRANCEIVER, IT HAS THE
>FOLLOWING:
>- THE UNIT IS AC AND DC
>- IT HAS THE VARIABLE COMSPEC TE-32 PL TONE ENCODER
>- AN ICRM2 REMOTE CONTROLLER KEYPAD FOR PUNCHING IN THE FREQUENCY
>- AN ICOM DESK MICROPHONE
>- OWNERS MANUAL AND SCHEMATICS FOR BOTH THE RADIO AND THE REMOTE KEYPAD
>
> IT IS IN EXCELENT CONDITION FUNCTIONALLY AND COSMETICALLY.
> I AM POSTING THIS FOR KC7KZT A FELLOW HAM THAT DOES NOT HAVE ACCESS TO
>THE NET AS WE DO. HE IS ASKING $400 FOR IT , HIS PHONE #(520)-646-5485.
>OR YOU CAN E-MAIL ME AT hc@primenet.com. AND I WILL RELAY ANY MESSAGES TO
>HIM VIA THE RADIO.
> THANK YOU, I HOPE THIS ONE POSTS!
> PHIL
>
Phil -

It helps a lot for the reader if you don't capitalize everything. On
the Internet, that is considered yelling, and it makes it hard to read
quickly.

73, Dick - W7LVA

3068. REJECTED: Ham-Equip Digest V96 #147

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-04 00:00:00 UTC
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Message-ID: <9603041714.CE00024@rtp41.rtp.dg.com>
Source record: 204918

----- Mail rejected by CEO. -----
No Routing Link Available Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@ucsd.edu
To: Ham-Equip@ucsd.edu
Subject: Ham-Equip Digest V96 #147
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Mon, 4 Mar 96 Volume 96 : Issue 147

Today's Topics:
ADMS-1 Software for FT-51R (2 msgs)
FS: Tubes
FT-40 mod info here
FYI: Motorola & GE Manuals Direct
Gary Davidson
Ham Stores in NYC
HELP! with TS-520S cw receive (2 msgs)
Icom IC-2340 Mods?
Icom IC 736 Question
Info req'd on TEN TEC 1208 6M TRANSVERTER
Mods/Comments for Yaesu FT-51R (2 msgs)
New RS rig?
S-COM Repeater Controllers (2 msgs)
Wanted $: Tandy Modem
Wanted: Tandy Modem
Yaesu FT-980 - What is it?

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Sat, 2 Mar 1996 18:25:38 -0700
From: dave sims <sims@usa.acsys.com>

Subject: ADMS-1 Software for FT-51R

Hi again Chris, yes, EZ Clone will program the FT-51R with frequencies
from 000.000 to 999.999 MHz, including 471.1375. The radio will
display that frequency on its display, and we've even got the radio to
receive signals at 471.1375. Of course, I doubt this would work at
800 MHz :^)

cheers,
dave
--
dave sims
sims@acsys.com
kc5jkn
http://www.acsys.com -- software for programming amateur radios
-----end attached message-----

Date: 3 Mar 1996 03:36:58 GMT
From: sims@dduck.acsys.com (dave sims)
Subject: ADMS-1 Software for FT-51R

lui@netcom.com (Stephen Lui) writes:

>Will the ADMS-1 software allow you to load RX frequencies greater than
>470MHz into the FT-51R? I've been researching this lately because I want
>to monitor the local police, who are at 471.1375 MHz and most HT's don't
>receive that high unmodified.

For the record, EZ Clone will program the FT-51R with frequencies from
000.000 to 999.999 MHz, including 471.1375. The radio will display
that frequency on its display, and we've even got the FT-51R to
receive signals at 471.1375. Of course, I doubt the radio will
receive 800 MHz. :^)

More info on EZ Clone: http://www.acsys.com or ezclone@acsys.com

cheers,
dave sims, kc5jkn
--
dave sims
sims@acsys.com
kc5jkn
http://www.acsys.com -- software for programming amateur radios

---

Date: 3 Mar 1996 19:42:12 -0500
From: richmann@aol.com (Richmann)
Subject: FS: Tubes

The following tubes were aquired from the estate of an old-time Ham
operator in the Cincinnati area. All are untested. I have no use for

them and offer them for sale as a lot, or trade for collectable table radio(s).

Expand to full screen for easy viewing.

Type (used)

Price each, New, from AES catalog

CWL 803, Westinghouse 24.00
VT225/307A, Sylvania (2) ?
RK837/CRP837, Raytheon 6.40
837, ? (no top cap) 6.40
CKR837/VT101, Kenrad 6.40
1625/VT136, RCA 4.00
955, ? (3) 4.00
826, RCA (2) 34.40
1626/VT137, RCA 3.20
0D3/VR150/VT139, (1) Hytron (1) RCA 3.60
GL-6146, GE (2) unlisted
VT-51, ? (2) unlisted
HV114B, Hytron 2.70
VT131, RCA unlisted
HY75A, Hytron (2) unlisted
13AP1, RCA unlisted

The following are new:
JAN-809, RCA (2) 34.50
837, RCA (3) 6.40

E-mail to: Richmann@aol.com

Regards,

Rich

Date: Sun, 03 Mar 1996 00:18:32 -0500
From: Montbach/Bartlett <caspar@tiac.net>
Subject: FT-40 mod info here

I found the tx mod for the ft40, it consists of removing a 0 ohm resistor from the radio. In my attempts to find additional mods, I found another set
of programming parameters. By holding down the lamp, ptt and top-notch buttons, you bring up some sort of diagnostic mode. It allows you to set the
L1, L2, L3, and high power levels (will tx 7.5 Watts with 13.8v, don't do this too much, it gets hot) and s1 and s9 levels (don't try to set these without an accurate signal generator). there are 3 other parameters I haven't
figured out; hssq, thsq, tisq. If anyone finds any other hidden keypad or jumper mods, let me know. BTW, I also figured out which jumper makes the

cpu
think it's a 2mtr radio. 73, Will

Date: Thu, 29 Feb 1996 21:01:05 GMT
From: cardenas@kaiwan.com (Anthony O. Cardenas)
Subject: FYI: Motorola & GE Manuals Direct

In a jam for Motorola or GE Service Manuals?
Call 'em direct at:

Motorola: 800-422-4210
GE: 800-528-7711

Tony
WA6IGJ

Date: Sun, 03 Mar 1996 23:11:50 -0800
From: Bob Ludlum <brlpe@gnn.com>
Subject: Gary Davidson

Gary, I've sent you 4 email messages concerning the Ranger manual but all
were returned as undeliverable. Please email me again with your current
address. Thanks. Bob

Date: Fri, 01 Mar 96 13:40:00 -0400
From: roland.stiner@hobbs.com (ROLAND STINER)
Subject: Ham Stores in NYC

To: jbaltz@news.cs.columbia.edu
Subject: Re: Ham Stores in NYC

J>And tell the rest of us in NYC, who are dying for an alternative.

The problem with NYC is this: THERE IS NO PARKING AVAILABLE! Why, oh
why would anyone want to put a Ham Radio store where there is no
parking???

On top of that, the rents that merchants pay is ASTRONOMICAL in NY, so
why not put the store in a low rent area?

OLX 1.53 --------------> 73, de NK2U <----------------

* Origin: CyberNet BBS Lyndhurst, NJ (1:2604/151)

.....ooooo0OOOOo http://www.intac.com/~cono
__,-----. ---+_________#_ The Roy Hobbs BBS sysop@hobbs.com
|________| |__|__________} Node 1: 201-641-7307
ooooo oo ~ ooO-O-O-O == oo\ Node 2: 201-641-3126

Date: 1 Mar 1996 19:26:01 GMT
From: bill.sorsby@dlep1.itg.ti.com (Bill Sorsby)
Subject: HELP! with TS-520S cw receive

In article <4h5046$pcp@crash.microserve.net>, jlynn@pennet.net says...
>... When receiving in the CW mode, I can hear a station, and if I
>tune up the band, I hear the same station 2 KHz up frequency, from
>center to center.

Jeff, it sounds to me like your rig has both the upper and lower sideband carrier oscillators turned on simultaneously. That's the only thing that comes to mind which could cause the sort of problem you've described.

I don't have any Kenwood gear so I can't provide any hardware troubleshooting
tips. Hpoefully someone else will step forward with more details. Good luck.

Regards,
Bill Sorsby, N5BU

Date: 3 Mar 1996 22:08:18 -0500
From: k5qq@aol.com (K5QQ)
Subject: HELP! with TS-520S cw receive

There was a note about hearing a signal on both sides of the carrier frequency. The problem was very pronounced on the TS820, but not nearly as bad on the 520. I didn't notice it till I bought a Sherwood filter that had such tight sideband filtering. Anyhow, after a lot of work, I figured it was signal leaking around the filter. What I did , on the 820, was to solder a shield on the bottom side (opposite side of the components) of the circuit board. I insulated it so I could push it right against the board and it did wonders.

I never had a real good filter in the 520, so I didn't notice the problem, but suspect that is what is really happening. It's quite distracting when you tune a station that you are on the wrong side of.... especially when you are just tuning the bands.

Good luck and give it a try. I bought some very light weight tin at the hobby store and it solders like a champ..

Adios

Q

K5QQ@AOL.COM

Date: 29 Feb 1996 04:12:45 GMT
From: edellers@shivasys.com (Ed Ellers)

Subject: Icom IC-2340 Mods?

My uncle (who is unfortunately not on the net) is looking for any
information
on extended receive mods for the Icom IC-2340 dual-band mobile.

--
Ed Ellers, KD4AWQ

Date: 1 Mar 1996 18:49:07 GMT
From: KF5KF@ihnp4.ucsd.edu (Robert Redoutey)
Subject: Icom IC 736 Question

I have a IC 736. When the volume is down all the way, I still get a hiss
from the speaker. Is this normal? I have not had chance to hear anybody's
736 to see if it does the same thing or not.

Is this normal for this rig, before I send it back?

Thanks,

Bob Redoutey
KF5KF
Round Rock, TX
redoutey@bga.com

Date: 2 Mar 1996 03:45:33 GMT
From: adam@tbsa.com.au (Adam Maurer VK3ALM)
Subject: Info req'd on TEN TEC 1208 6M TRANSVERTER

Hi.

Just new to Oz is the Ten Tec 1208 6M transverter kit.
Haven't actually seen one, just a brief reference to
one in the 96 Daycom catalogue.

Has anyone built one of these kits up?
How do they perform.
Are they broad enough to cover the full 4MHz?
Is the standard I.F. 14MHz?
PWR O/P is quoted as 8W. Whats the PA consist of?
Is the kit reasonable quality or crap?

etc etc.

My intended application is to team a 6M transverter up with a
high end HF box with DSP etc. probably an FT-1000MP when they
become available out here in 2/3 months.

I did build a VK5 ESC 10/6M transverter a couple of years
ago - and performance was very ordinary!

If you have any info please email me.

Cheers,
Adam VK3ALM

Date: 3 Mar 1996 03:31:52 GMT
From: Rod Thompson <rts@sh1.ro.com>
Subject: Mods/Comments for Yaesu FT-51R

lui@netcom.com (Stephen Lui) wrote:
>Does anyone who owns a FT-51R have any comments on the unit or the
>programming software? Does the unit truly only receive to 470MHz? The
>magic number for me is 471.1375MHz, the frequency of our local police,
>which I like to monitor.

The FT-51 can receive this frequency (471.1375MHz) but it requires a hardware mod or
useing the ADMS-1 software. The default setting for the software is the same as the
radio. That is, to program frequency outside of the normal operating range you have
to change a setting in the WIN.ini under the section FT-51 Programmer. This will
allow you to program ANY frequency from 60 to 999MHz. The radio will only receive
from 100-180 and 375-525 MHz. Transmit frequency range is not controllable by
software, it does require a hardware mod.

>
>Does anyone know of any mods for the FT-51R (preferably keyboard) to
>extend the RX range? The unit is so small that I would think any hardware
>mods would be difficult.
>
>Stephen
>(Iching to buy an HT, as soon as I can decide which one!)

If you have any questions you can call me at 1-205-880-3093 10am to 6pm CST

Date: 3 Mar 1996 04:59:27 GMT
From: cweddle@astro.as.arizona.edu (Chris Weddle)
Subject: Mods/Comments for Yaesu FT-51R

Rod Thompson <rts@mail.ro.com> writes:
>lui@netcom.com (Stephen Lui) wrote:
>>Does anyone who owns a FT-51R have any comments on the unit or the
>>programming software? Does the unit truly only receive to 470MHz? The
>>magic number for me is 471.1375MHz, the frequency of our local police,
>>which I like to monitor.

>The FT-51 can receive this frequency (471.1375MHz) but it requires a
>hardware mod or
>useing the ADMS-1 software. The default setting for the software is
>the same as the
>radio. That is, to program frequency outside of the normal operating
>range you have
>to change a setting in the WIN.ini under the section FT-51 Programmer.
>This will
>allow you to program ANY frequency from 60 to 999MHz. The radio will
>only receive
>from 100-180 and 375-525 MHz. Transmit frequency range is not
controllable
>by
>software, it does require a hardware mod.
>>Does anyone know of any mods for the FT-51R (preferably keyboard) to
>>extend the RX range? The unit is so small that I would think any
hardware
>>mods would be difficult.
>>Stephen
>>(Iching to buy an HT, as soon as I can decide which one!)
>If you have any questions you can call me at 1-205-880-3093 10am to 6pm
CST

Hi: I also own and like very much the FT-51R. Bought mine over a year ago
and use it daily. There is now an alternative to Yaesu's ADMS-1 package
called EZ-Clone. I just ordered it so I can't give you a review yet.
However,
I did receice the following message from the company on this very
question.
Also, I'm not connected to this company in any way, just passing along
what
I've been told so far.

Chris - N7RME

-----begin attached message-----

Date: Tue, 27 Feb 96 07:48:53 GMT
From: jrw4@ix.netcom.com (JRW)
Subject: New RS rig?

Anybody heard anything about the new HTX-242? I's been assuming it was a
dual-band mobile, but a RS store manager told me today that it's simply
the
HTX-212 with a new model designation & catalog number! Anyone know the
facts?

-73
JRW4
aka KB5ZBR

Date: Tue, 27 Feb 1996 20:27:11 -0800
From: Stephen <yu119071@yorku.ca>
Subject: S-COM Repeater Controllers

Dave Maciorowski wrote:
>
> S-COM has just opened an e-mail Discussion List to support its line of
> Repeater Controllers and Accessories. This promises to be a good
> place to ask questions and read announcements of new products.
>
> To subscribe, send an e-mail message to majordomo@rmsd.com. In the text
> of the message, type the line "subscribe scom" (don't type the quotes).
> You will get back a confirmation message.
>
> They also have a new Web page at http://www.rmsd.com/scom/
>
> -----
> Dave Maciorowski, WA1JHK
> Colorado Repeater Association, Inc.
> Serving Colorado with Voice and Data, 6-Meters to 1.2 Gig
>
> Internet: wa1jhk@ix.netcom.com or wa1jhk@amsat.org
> CRA: http://www.rmsd.com/hamradio/cra/cra_news.htmlSubscribe SCom

---

Date: Tue, 27 Feb 1996 20:34:57 -0800
From: Stephen <yu119071@yorku.ca>
Subject: S-COM Repeater Controllers

SubsDave Maciorowski wrote:
>
> S-COM has just opened an e-mail Discussion List to support its line of
> Repeater Controllers and Accessories. This promises to be a good
> place to ask questions and read announcements of new products.
>
> To subscribe, send an e-mail message to majordomo@rmsd.com. In the text
> of the message, type the line "subscribe scom" (don't type the quotes).
> You will get back a confirmation message.
>
> They also have a new Web page at http://www.rmsd.com/scom/
>
> -----
> Dave Maciorowski, WA1JHK
> Colorado Repeater Association, Inc.
> Serving Colorado with Voice and Data, 6-Meters to 1.2 Gig
>
> Internet: wa1jhk@ix.netcom.com or wa1jhk@amsat.org
> CRA: http://www.rmsd.com/hamradio/cra/cra_news.htmSubscribe SCom
I don't know whether you got my first E-Mail but I want to know whether I
can page someone through the repeater using a landline phone and putting

my own voice across it? Is this possible?

Thanks,

Shelly

Date: Sun, 03 Mar 96 04:04:14 GMT
From: sandhurst@acslink.aone.net.au (Paul C Hubbard)
Subject: Wanted $: Tandy Modem

Wanted to Buy:

Tandy Modem 300 Baud, Direct Connect DCM6
Manual Switch originate / answer

ALSO:

Require circuit diagram of the CICADA modem.
Reasonable Price on Offer

Contact Geoff Butterworth
c/o sandhurst@acslink.aone.net.au
or
Coburns Lane
Toolernvale
Victoria, 3337
AUSTRALIA

****
You have been written to by
THE 'MORPH
Have a nice life

Paul C. Hubbard

sandhurst@acslink.aone.net.au
****

Date: Sun, 03 Mar 96 04:02:35 GMT
From: sandhurst@acslink.aone.net.au (Paul C Hubbard)
Subject: Wanted: Tandy Modem

Wanted to Buy:

Tandy Modem 300 Baud, Direct Connect DCM6
Manual Switch originate / answer

ALSO:

Require circuit diagram of the CICADA modem.
Reasonable Price on Offer

Contact Geoff Butterworth
c/o sandhurst@acslink.aone.net.au
or
Coburns Lane
Toolernvale
Victoria, 3337
AUSTRALIA

****
You have been written to by
THE 'MORPH
Have a nice life

Paul C. Hubbard

sandhurst@acslink.aone.net.au
****

Date: 29 Feb 1996 15:27:55 GMT
From: "Paul Christensen, N9AZ" <paulc@jax.se.continental.com>
Subject: Yaesu FT-980 - What is it?

Our company asset report shows a Yaesu Ft-980 transceiver. can soemone
fill me in what it is?

-Paul, N9AZ

End of Ham-Equip Digest V96 #147
****

3069. (no subject)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-04 00:00:00 UTC
From: dick furbush <rfurbush@moose.uvm.edu>
Message-ID: <4hetoh$5ki@swen.emba.uvm.edu>
Source record: 204919

looking for mods for Icom 02AT.....extended Rx and/or Tx

3070. Kenwood TM733 Crossband

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-04 00:00:00 UTC
From: ScottP@pobox.com
Message-ID: <313a6400.168978432@news.anet-dfw.com>
Source record: 204920

Could someone help me with the bi-directional crossband repeat function in the TM733A? The manual doesn't have much about crossband repeat at all! Any info about crossband functions would be appreciated! Thanks!

- Scott Poest
Amateur Radio Operator KB8KGU Irving, TX
Email : ScottP@pobox.com
Web Page : http://www.anet-dfw.com/~spoest

3071. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-04 00:00:00 UTC
From: Gary Davidson <reporter@sparc1.castles.com>
Message-ID: <4hfvas$csu@miwok.nbn.com>
Source record: 204921

muenzlerk@uthscsa.EDU (Kevin Muenzler) wrote:
>When *properly tuned* a good tuner will produce about .5db of
>insertion loss. So, the amount of RF power that a tuner
>consumes depends on how much power you put into it.
>
>Kevin, WB5RUE
>muenzlerk@uthscsa.edu
>
>
BINGO! A winner! The FIRST person to offer an estimate of power loss
thru a tuner, rather than a bunch of irrelevant, financially impractical,
and VASTLY intricate contortions to determine same...

My hats off to you!

--
Gary... KJ6Q... I am the NRA | Annoy a Liberal - say NO to gun control!
========================== | Annoy a Democrat - say BYE BYE CLINTON!
"Did you come here to *LEARN*|================================
or to nose around, make rude | "It's *EASY* to be a liberal, it's
noises & provide proof our | OTHER people's money you are giving
educational system stinks?" | away! (or living off of!)

3072. Re: What is this Hallicrafters?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-04 00:00:00 UTC
From: terrybu@netman.ens.tek.com
Message-ID: <4hgm95$gg3@netman.ens.tek.com>
Source record: 204922
Cross-posted to: rec.antiques.radio+phono,rec.radio.amateur.equipment

In article <4h7j7n$lfa@isnews.csc.calpoly.edu> doragsda@oboe.calpoly.edu (D. Ragsdale) writes:
>I've had this old Hallicrafters receiver for about 20 years; I've used
>it a lot for shortwave listening - it's still a great receiver - I'm
>just wondering when it was made and if it has any collector value or if
>it's just a neat old radio. Description:
>Very large, rack mount, facepiece is 9 inches high by 19 inches wide.
>No cabinet, don't know if it ever had one.
>No model number I can find, but says "Super Skyrider" on the tuning
>dial. The tuning dial is a 5 inch diameter metal (aluminum?) disk
>sitting out in front of the facepiece, with freqs. etched in it -
>Radio tunes from 550 KHz to 61 MHz in 6 bands (61 MHZ? why?)
????
>Has standard meter and controls, including crystal phasing, pitch
>control, bfo, etc.
>Knobs appear to be black bakelite.

On the SX-28 the tuning knobs appear like spoked wheels. Looks like there are 12 knobs, 3 on left, 3 on right side, 3 across the middle with the switch in the middle bottom, and the two tuning knobs.

This is what I find in the book by Raymond Moore, Communications Receivers.

Model: SX-28 Super Skyrider YRS: 1940-43, price $159.50, Bands:6, .54-43 Mhz, IF 455 KC, Filter: Crystal, Tubes: 15, 6AB7, RF1, 6SK7, IF2, 6SA7 mix, 6SA7 hfo, 6L7 IF1/NL, 6SK7 IF2, 6B8 det/meter amp, 6B8 avc amp, 6AB7 noise amp, 6H6 noise rect, 6J5 bfo, 6SC7 af1, 2 6V6 push pull af out, 5Z3 rect. Over 50,000 built, includes A model.

Model SX-28A, Super Skyrider YRS; 1944-46, price $223. Same as SX-28 except added permeability tuned, higher Q inductors in front end. Inductors and trimmers for each band were mounted on small, indiv chassies for easy removal.

Model SX-28FCC special, manf for FCC, differences no know.

Terry

3073. Re: RFI Proof Paint Available?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-04 00:00:00 UTC
From: landisj@nad.com
Message-ID: <1996Mar4.125403.459@nad.com>
Source record: 204923

In article <1996Mar4.032533.1@ssrl01>, haggart@ssrl01.slac.stanford.edu (Craig Haggart, Accelerator Ops) writes:
> Zack Schindler, N8FNR (zaax@aol.com) asked:
>
> > Does anyone out there know of any company that produces a
> > paint that reduces RFI?
>
> How about emulsified copper head gasket spray paint? You get it
> from auto parts stores.
>
> I've never tried it for RFI shielding, but it may be a quick
> solution to your problem -- spray it on and ground it. Easy to
> check with an ohmmeter to see whether or not the binder prevents
> adjacent particles from conducting.
>
> If you try it, let us know if it works!
> -Craig Haggart, KC6VHO
> haggart@slac.stanford.edu

Hi Craig, that's a great idea - and worth a try - but I'd sure want to try a little on an non-critical part of the box. The carrier/binder may attack the material that your'e shielding. Also, I'm not sure if this stuff actually hardens. It may remain a sticky mess for quite a while.

73,
Joe - AA3GN
--
Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
landisj@nad.com ..speaking only for myself, of course..

3074. Re: Announsing: Technology Patent Available For Purchase

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-04 00:00:00 UTC
From: jimf@zoinks.corp.sgi.com
Message-ID: <4hfqtn$6kb@murrow.corp.sgi.com>
Source record: 204924
Cross-posted to: sci.astro.amateur,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.antenna,misc.invest.technical,misc.invest.stocks,misc.invest.funds,misc.invest.canada

In article <NEWTNews.825958328.26555.Postmaster@GGHERB.MONSANTO.COM>,
gherbst@msn.com writes:
|> Paul,
|>
|> That's a very blatent claim you make. This patent went through with only
|> one need for clarification from the PTO. Obviously know one else sought
|> such a patent which is evidence by the PTO issuing me patent # 5457342.
|>
|> Those companies you mention have devices that are similar with respect to
|> cooling only if you care to follow the patents mentioned on my abstract.
|> However, NONE have developed the device I have NOR do they have a patent
|> on such a device. As such, I am the sole owner to pursue development of
|> this product or companies under infringement.
|>
|> Gaerhardt G. Herbst
|>

What I am wondering is what this has anything to do with amateur radio antennas, homebrew, space, etc.? The point is that this, and the preceding posts were made to the amateur radio news groups.

Cooling of microprocessors, and your grandstanding of being awarded a patent are of no interest to me or in any way pertinent to my interest in amateur radio. And that is why the newsgroup(s) have those titles.

If you are looking for invetors, get a clue and do it somewhere else.

If you are simply so proud of yourself for being awarded a patent for what appears to be anothers work, then HIP HIP HOORAY for you! Now grow up and go away.

Jim

3075. Yaesu Relay - Will this work??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-04 00:00:00 UTC
From: rval58@aol.com
Message-ID: <4hfnui$ie7@newsbf02.news.aol.com>
Source record: 204925

I plan to setup a relay on my FT-1000 -- Does this sound like it'll work OK?? :

Get multi contact 12VDC Relay.
Connect one leg of coil to center pin +13.5VDC output jack on back of radio.
Connect other leg to center pin of TX GND jack on radio.

When PTT activates, relay should activate, and I can make various connections, eg , 117VAC on air light, rcvr muting to boatanchors, etc..

This will work, won't it? I assume TX/GND is a relay contact to GND. Just looking for a confirmation from anyone, don't want to fry things.
- Thanks! N1SQJ

3076. Icom IC-736 Informat/mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-05 00:00:00 UTC
From: lion@tigger.jvnc.net
Message-ID: <Dnt6pL.3GB@tigger.jvnc.net>
Source record: 204810

Anyone have any mods, hits, tips and/or fixes available for the IC-736?
I just purchased one, and would like to learn more about it.

Reply here, or via mail to kdl@lion.com

Thanks,
73 de Kelly
KB2SYD

3077. Good set of headphones

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-05 00:00:00 UTC
From: kb6ojs@earthlink.net
Message-ID: <4hicb4$msv@bolivia.it.earthlink.net>
Source record: 204811
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.shortwave

I have been using a pair of Archer (Radio Shack) lightweight mono headphones for SWL and ham work, but they are getting a little worn. I would like to get a better set of headphones -- mono, general purpose for both SWL and ham use -- but would like to find out what others are using and get their recommendations. Any comments, feedback etc. will be greatly appreciated. Thanks in advance.

-- //Steve//

Computer Associates CompuServe: 76703,3035
Fax: 714/557-1675 Internet: kb6ojs@earthlink.net
Phone: 714/513-7236 America Online: KB6OJS
Homepage: http://ourworld.compuserve.com/homepages/KB6OJS
Personal homepage: http://www.earthlink.net/~kb6ojs

3078. Re: Icom-25H Info

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-05 00:00:00 UTC
From: "mike guest"
Message-ID: <4hia8o$63j@news.clandjop.com>
Source record: 204812

```
expanded rf
1. set offset to 0.0
```

3079. HELP: AM & FM signals

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-05 00:00:00 UTC
From: jcl5@acpub.duke.edu
Message-ID: <4hgfkc$7d6@news.duke.edu>
Source record: 204926
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

I'm trying to receive an out-of-state but strong signal AM radio station (WSM-AM in TN to be exact) but have a hard time getting it. I can do OK from my car (with a fair amount of fuzz but at least recognizable, especially at night), but can hardly get it in the house. I currently have a loop antenna that came with the stereo attached for AM signals and a fancy-looking FM antenna that I bought (which helps improve FM signals) for the FM. Please, in your E-MAIL, tell me how to improve my reception in detail but not too technical. Also, how would I do the same for distant FM stations? Thanx to all who helps in advance!

3080. ICOM 271H 4 Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-05 00:00:00 UTC
From: rmille1@ix.netcom.com
Message-ID: <4hg4lh$c51@cloner3.netcom.com>
Source record: 204927

Icom IC-271H for sale. 100 watt all mode 2 meter transceiver with
built in Icom IC-PS35 switching type power supply.
I am the second owner, the first owner lives in town. Radio is in
excellent shape, works like new and I have the original box and owners
manual. First $500 takes it, delivered to your door by UPS
E-mail Robert Miller at 70007,2305 Compuserve
or call evenings at 817 292 9565
Thanks
Bob Miller AA5FL

3081. Re: Ham Stores in NYC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-05 00:00:00 UTC
From: midgard@nycmetro.com
Message-ID: <1213.6637T1119T1446@nycmetro.com>
Source record: 204928

>To: jbaltz@news.cs.columbia.edu
>Subject: Re: Ham Stores in NYC

>J>And tell the rest of us in NYC, who are dying for an alternative.

>The problem with NYC is this: THERE IS NO PARKING AVAILABLE! Why, oh
>why would anyone want to put a Ham Radio store where there is no
>parking???

>On top of that, the rents that merchants pay is ASTRONOMICAL in NY, so
>why not put the store in a low rent area?
>---
> OLX 1.53 --------------> 73, de NK2U <----------------

> * Origin: CyberNet BBS Lyndhurst, NJ (1:2604/151)

> .....ooooo0OOOOo http://www.intac.com/~cono

> __,-----. ---+_________#_ The Roy Hobbs BBS sysop@hobbs.com

> |________| |__|___________} Node 1: 201-641-7307

> ooooo oo ~ ooO-O-O-O == oo\ Node 2: 201-641-3126

Howdy from another New Yorker. I am fairly clueless tho, just getting into the
hobby.

<tsb>
Midgard Graphics
3D Animation and Special FX for the hobbyist videographer
Email: midgard@nycmetro.com

--
Drop into #amigacafe on IRC's undernet for a chat sometime

--

<tsb>

A man of many hobby's master of none.

3082. Re: Motorola HF gear?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-05 00:00:00 UTC
From: REDLIGHT@NANDO.NET
Message-ID: <REDLIGHT-0403962206090001@grail2917.nando.net>
Source record: 204929

In article <4hetck$s4r@mksrv1.dseg.ti.com>, QRP%mimi@magic.itg.ti.com (D W Hemphill KC5NG) wrote:

> Motorola did manufacture HF equipment, for the Military.
> Examples are the old R-390 / R-392 series of receivers.

They also manufactured later models called Micom stations/mobiles.

Very similar to the mocom series radios.

Mike

--
Mike - Raleigh, NC USA

Opinions expressed herein are my own and do not in any way
represent those of my employer.

3083. Icom W21AT Wide RX problem..

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-05 00:00:00 UTC
From: herb@alpha1.csd.uwm.edu
Message-ID: <4hgi8o$h7t@uwm.edu>
Source record: 204930
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I have done the keypad mod for extended RX, but it doesn't recieve much. I read on an FTP site that this it the way to do it. However, at a local repair shop, I was able to view a mod book for Icom radios. It cites the addition of D-23 (MA132WK) as the RF expansion mod. Has anyone tried this? Is it possible that Icom has stopped including this in the W21AT radios? I know the keypad mod works on the earlier models..... Perhaps they no longer include this diode. In the book, it said to do the keypad mod only AFTER inserting the diode/ So, maybe mine TUNES out of band, but requires a diode to actually RECIEVE out of band.. Any experience with this?

Nate, KB9LSX

Thanks alot!

3084. Drake TR4 Audio Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-05 00:00:00 UTC
From: k1el@aol.com
Message-ID: <4hislj$pcs@newsbf02.news.aol.com>
Source record: 204931

Hi All, I have a problem with my Drake TR4 that I have been fighting for some time now and can't seem to figure it out. The receiver has good sensitivity and good quality audio when receiving weak signals. On strong signals the receiver acts as if it is overloading, distorting badly. I first thought that the AGC circuit might not be working properly. But in checking the AGC voltage it looks OK, directly coresponding to signal strength. Another clue is that the S-meter is deflecting properly which again tells me the AGC is working OK. I have checked tubes and other components and can't seem to find anything amiss. Any ideas would be greatly appreciated

Thanks es 73s de Steve K1EL

3085. Sale - HF Tribander Beam

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-05 00:00:00 UTC
From: woodard@airmail.net
Message-ID: <4hg776$f27@news-f.iadfw.net>
Source record: 204932

I have a Hy-Gain Model TH3JR-S Tribander (10-15-20 meters) beam for sale. It is currently up (somewhat easy to take down) and in great shape, but I just do not use it. I have been very inactive and I think someone else could use it.

It's just 21 lbs and the longest element is 27'3", but it has a forward gain of up to 8 dbi. Great medium duty antenna, and I want just $150 for it, and you come get it.

I am in Arlington, Texas. Email address is Woodard@airmail.net
Email me if interested, and I will return with my phone number and we can talk.

Price is cheap...and firm! Thanks. Jim Woodard - WG5S

3086. Late model FT-530 mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-05 00:00:00 UTC
From: LEMPICKI@austen.oit.umass.edu
Message-ID: <4hgboh$aae@nic.umass.edu>
Source record: 204933

Hi! I just got a new FT-530. According to the mod that I found while searching the net, there is one solder pad (#13) to open up. My radio looks a bit different inside...I had a green wire that was just begging to be cut, so I did it! It looks like that enabled airband rx. Does anyone know how to get 800-950mhz rx? How abt extended tx? -Gerry

3087. Looking for Wilson WE 800

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-05 00:00:00 UTC
From: richbrow@kendaco.telebyte.com
Message-ID: <4hh207$cvm@news.telebyte.net>
Source record: 204934

I am looking for a Wilson WE 800 working or not
Email me if you can help
N7QFQ

3088. Re: ICOM IC-706 Poor Mic Gain

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-05 00:00:00 UTC
From: Mike Willis <mjw@rcru.rl.ac.uk>
Message-ID: <313C1468.2043@rcru.rl.ac.uk>
Source record: 204935

Jay Kesterson K0GU wrote:
>
> On a somewhat related subject. My 706 has rated output on HF and VHF
> in the CW mode. However on SSB it only puts out about 30/40 watts on
> HF and ~4 watts on 2m. If I whistle in the mike I get near CW output
> but speech, no matter what the volume, produces the lower output.
> The mike seems OK, turning the mike gain up doesn't make much difference
> after level 2 or 3 and the processor only helps a little. ALC levels
> seem normal and the 706 output meter indicates power out. I have tried
> it on two good power supplies. Don't think it is pilot error. Any ideas

What do you expect! In SSB mode, the peak power is indeed 100W. With speech, the average duty cycle is something like 25%. With a processor or by shouting you can get this up to maybe 40%. Whistles are tones at the peak power, hence you see 100W. Unless you use a peak reading power meter, you will not see the actual peak power on SSB, but some average determined by the dynamics of the power meter.

Mike

3089. ft-530: Safe to use "AA" nicads with batt. case?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-05 00:00:00 UTC
From: Jeff Clark <jefco@got.net>
Message-ID: <313C0572.3AED@got.net>
Source record: 204936

I recently bought the "AA" battery case as a cheap backup battery for my Yaesu ft-530 with the idea that I would fill it with Ni-cad "AA"s. Unfortunately the manual indicates that the case "lacks the necessary thermal & over-current protection circuits..." & "must not be used with rechargable cells".

I'm assuming that it is safe to use "AA" nicads for Rx/Tx but that Yaesu would rather I didn't charge the cells while attached to the radio (via the external DC jack on top of the case) because the case lacks a current limiting circuit.

Does anyone have any experience with Ni-cads & the FBA-12 battery case?

73
Jeff - KF6BKG, listening

3090. Re: ICOM IC-706 Poor Mic Gain

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-05 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4hgpt7$4n4@newsbf02.news.aol.com>
Source record: 204937

In article <4hfodh$gmv@rdsunx.crd.ge.com>, mallick@crd.ge.com (John Mallick) writes:

>If you get to near-CW power level with speech signals, then you are either
>splattering pretty badly or just heavily compressed.
>
>BTW, my old Icom 745 behaves the same way.
>73, John WA1HNL

Heavily compressed? If it approaches CW levels it's crushed like a grape on a railroad track. Or you are speaking in a mono-tone.....heh heh.

73 Tom

3091. Re: FT 900 - turning off spontaneously?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-05 00:00:00 UTC
From: "Jeffery A. Purtle" <jpurtle@smartlink.net>
Message-ID: <313BF5BB.5064@smartlink.net>
Source record: 204938

I had the same problem and know of at least 3 others with that. My rig was fixed by having Yaesu do an update on the microprocessor and a couple other things. Send it in and insist they fix it. Mine was still under warranty. But, I would be mad if they did not fix that for free.

73,
AC6IW
--
Jeff Purtle
http://www.smartlink.net/~jpurtle

3092. Re: Announsing: Technology Patent Available For Purchase

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-05 00:00:00 UTC
From: paul@laughton.com
Message-ID: <4hgr8o$p96@sun.sirius.com>
Source record: 204939
Cross-posted to: sci.astro.amateur,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.antenna,misc.invest.technical,misc.invest.stocks,misc.invest.funds,misc.invest.canada

gherbst@msn.com wrote:

>Paul,

>That's a very blatent claim you make. This patent went through with only
>one need for clarification from the PTO. Obviously know one else sought
>such a patent which is evidence by the PTO issuing me patent # 5457342.

>Those companies you mention have devices that are similar with respect to
>cooling only if you care to follow the patents mentioned on my abstract.
>However, NONE have developed the device I have NOR do they have a patent
>on such a device. As such, I am the sole owner to pursue development of
>this product or companies under infringement.

>Gaerhardt G. Herbst

Having too much time on my hands, I went and looked at your patent.
The first part of the patent describes the exact CCD cooling method
used for years by Santa Barbara Instruments (and others) for cooling
CCDs. Your novel claim seems to be an IC cooler that is retrofitted to
an existing, uncooled IC.

<Yawn>

3093. ft-530: Safe to use "AA" nicads with batt. case?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-05 00:00:00 UTC
From: Jeff Clark <jefco@got.net>
Message-ID: <313C066E.1C53@got.net>
Source record: 204940

I recently bought the "AA" battery case as a cheap backup battery for my Yaesu ft-530 with the idea that I would fill it with Ni-cad "AA"s. Unfortunately the manual indicates that the case "lacks the necessary thermal & over-current protection circuits..." & "must not be used with rechargable cells".

I'm assuming that it is safe to use "AA" nicads for Rx/Tx but that Yaesu would rather I didn't charge the cells while attached to the radio (via the external DC jack on top of the case) because the case lacks a current limiting circuit.

Does anyone have any experience with Ni-cads & the FBA-12 battery case?

73
Jeff - KF6BKG, listening

3094. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-05 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar5.151940.9962@ke4zv.atl.ga.us>
Source record: 204941
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In article <4gu3g7$on6@news.asu.edu> atkes@imap1.asu.edu writes:
>Roy Lewallen (w7el@teleport.com) wrote:
>: In article <1996Feb24.105430.22651@ke4zv.atl.ga.us>,
>: gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>: >For a balanced tuner, we'd want to use hot wire ammeters, and a RF
>: >voltmeter that we could move along the line, to determine power out.
>: >The RF voltmeter would let us directly determine VSWR and give us
>: >a direct tuner output voltage reading. Combined with the RF current
>: >readings of the hot wire ammeters (one in each leg) we could then
>: >determine power out by cranking the formulas.
>
>: It's not obvious to me how this would work. Wouldn't we have to know the
>: phase angle between the voltage and current to determine the power?
>
>: Roy Lewallen, W7EL
>
>Gary will probably answer this with his own reasoning, but I think he
>gave enough information if you know the characteristic impedance of
>your line (and it is real). If my quick calculation is correct, I get
>
>Pout = (|V|^2/Z0 + |I|^2*Z0)* (s/(1+s^2))
>
>where |V| is the voltage magnitude and |I| is the current magnitude,
>and Z0 is the real characteristic impedance, and s is the swr.

Ah, excellent Kevin. I figured that was the way to do it (intuitively),
but couldn't muster the math to make the case. You have done so nicely.
So we don't need the movable current probe after all.

Gary
--
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Lawrenceville, GA 30244 | |

3095. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-05 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar5.153106.10084@ke4zv.atl.ga.us>
Source record: 204942
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In article <4h73q9$7pq@cloner4.netcom.com> gsparks@ix.netcom.com(Glenn Sparks) writes:
>I've been following this since I posted the comment I made that RF has
>to be radiated or turned into heat. Loss in the tuner will be heat, So
>to stick to the subject, how to measure the loss.
>
>set a 20 gallon fish tank full of distilled water next to the tuner,
>let the tempature normalize for 2 days so the water is the same temp as
>the tuner.
>
>Key up the rig at 500-1500 watts for 10 minutes.
>
>immediatly disconnect the tuner and drop it in the water, wait 30
>minutes and measure the increase in water tempature, calculate the
>calories required to raise that much water that many degrees, convert
>calories to watts.

Excuse me, but this is an absurd way to do calorimetry. Most of the
heat generated by that 10 minute key down period will dissipate to
the ambient air around the tuner. All you'll get after immersion
is the residual heat in the materials of the tuner. That's hopelessly
inadequate.

If you must do calorimetry, then you need to insulate the tuner,
say in a styrofoam cooler, and measure the rise in *air* temperature
inside the cooler during and immediately after transmission. You'll
still have some error from heat conducted away by the connecting cables,
but it'll be much closer than dunking the tuner after the fact.

>The problem isn't the tuner, the problem is the placement of the tuner,
>and the loss of the feedline. Place the tuner at the antenna, so the
>coax is loaded and fed as 50 ohms and the loss of the tuner will be
>minimal.

No, that doesn't change tuner losses. It does eliminate line losses,
which can be significant in some cases, but the tuner is still having
to do an impedance transformation (else why use the tuner), so there
will still be circulating currents in the tuner components, and there
will still be I^2R losses in the tuner, just the same as if it were
matching that impedance at the other end of the transmission line
(assuming the impedance would be the same at the other end of the
line, which it could be arranged to be by using multiples of a
halfwave for the transmission line length).

Gary
--

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3096. FT411 mods **need help please!!**

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-05 00:00:00 UTC
From: les@gandlent.com
Message-ID: <4hhu92$lgp@nova.dimensional.com>
Source record: 204943

Have a FT411 that I would like to modify for use in the CAP. Can anyone help please.

Please e-mail responses.

Thank you. 73's K7PTZ

3097. 33MHz mod for a TM-741A w/UT-28s

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-05 00:00:00 UTC
From: spade@onramp.net
Message-ID: <4hgnkc$cce@news.onramp.net>
Source record: 204944
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.swap

I have a Kenwood TM-741A with UT-28s 10 meter band unit added. All faqs I have seen state that cutting the green wire and removing R54 & R55 will enable Tx from 26MHz to 45 MHz, and Rx from 18 MHz to 54 MHz. I bought this radio with this mod and have checked and verified it. However, when I try to Tx in the 33MHz range my output is only about 1.5 watts. It will not receive at all here. I am a vol. firefighter and my dept. as well as almost all other VFD's around this area use the 33 MHz range. My Rx & Tx in the 2 meter and 440 mods check out fine. (I'm using 155MHz & 450 MHz ranges.). Can anyone offer any help? Thanks.

3098. Manual for Sommerkamp FTDX505

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-05 00:00:00 UTC
From: mg11405@mailbox.swipnet.se
Message-ID: <4hi36a$mee@mn5.swip.net>
Source record: 204945

HELP!
Iwould like to get a copy of the operateurs manual or the service manual for
the old Sommerkamp FTDX505.
Copy and mail costs cherfully coverd.

73 de Chris SM4JFG

3099. Re: IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-05 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar5.175323.10916@ke4zv.atl.ga.us>
Source record: 204946

In article <00001fed+00003010@msn.com> Bob_Dixon_GM3ZDH@msn.com (Robert Dixon) writes:
>I've taken a liking to the idea of getting an IC-706 (and even got
>the blessing of the xyl - only the cash to find now!).
>
>I'm getting some info on the machine at present and comments from
>those who know the rig. Today I was told by one person to forget
>it, it was deaf on vhf and owners were now encountering faults.
>Another person told me he loved the machine but to wait until the
>initial bugs had been corrected!
>
>I'd appreciate anyone's thoughts on the IC-706.

It's a GEM. It has very few faults, though it does have some, no
radio is perfect. HF through 6 meter performance is excellent for
a radio in this size and price range. On HF, performance is on a
par with the venerable IC735 in most situations, better for digital
modes, though you will have to use the preamp and attenuator settings
more often than you do with the IC735. 100 watts on 6 meters is very
welcome, And 2 meter operation is fine too, if you don't mind that
it only does 10 watts (perfect to drive a high power external amp).

The most serious deviation from advertised performance is the
poor sensitivity on receive *outside* the 2m VHF band. To put
it bluntly, it sucks as it comes out of the box. There are two
different mod approaches to solving this problem. One, called
the "yellow wire" mod, makes the radio use the 2 meter bandpass
filter above 2 meters. This at least lets you hear the US Wx
stations at 162.55 MHz, but doesn't do much for you up toward
the 200 MHz upper limit of the radio. The other approach is
to modify the VHF receive filter normally used outside the
2 meter band so that it actually passes the frequencies the
radio claims to tune. This isn't a hard mod either, though
it takes a bit of skill working with SMD parts to do it.
With this mod, you hear everything the radio is advertised
to hear with good sensitivity. Of course you also hear IMD
that you didn't before the mod, but that's the price of very
wide receive coverage. The radio still uses the 2 meter bandpass
filter when inside the 2 meter band, so it still performs fine
there.

The radio has a wideband FM mode that lets you listen to FM
broadcast signals. Unfortunately, the IF filter for this mode
is too broad, and you can have problems separating stations
on adjacent channels in some cases. This is mostly a gimmick
feature, however, and it may not be worth your time to replace

the filter with a narrower one.

A more serious problem reported by some is that the CW keying clips the initial dit in QSK. This seems to annoy Morse operators, though I find it of no consequence (I don't operate Morse when I can help it, and when I do I don't use QSK). The radio performs nicely with more modern digital modes such as Clover and PACTOR. It properly positions the narrow filter (optional) to match the tones used for those modes when placed in RTTY mode. And when in CW mode, it shifts the narrow filter down to the proper tone for that mode too. And it offers IF shift so you can customize the passband to suit your needs. It also has a *slow* tuning mode that is wonderful for Clover operation.

The radio is a joy to use mobile. The detachable, and very legible, faceplate makes it easy to mount in even the most cramped auto. The control system is very easy to learn, and very suitable for mobile operation as well. It is also CI-V compatible for computer control, has two different ways to control an external antenna tuner, etc. The back panel is *full* of option connectors. If you need it, it's probably there. (No transverter jacks though, pity, but you can lower the output power of the rig via a menu so it can drive a transverter through its normal antenna connectors. It has 2, one for HF & 6m and another for 2m and VHF receiving.)

Considering its price and size, you can't really go wrong with this radio. With the noted exceptions, it does what it claims to do, and for the most part does them very well. I consider its minor faults to be a challenge rather than a handicap. I've spent a good deal of time poring over diagrams (order the service manual, no schematics come with the radio as shipped, a *serious* flaw IMHO) and poking inside the radio to discover the fixes for its deficiencies, and have had a blast doing it.

The more you study it, the more you come to appreciate the soundness of the basic design (unlike some radios whose name starts with K that I could mention). As a ham bands radio, it works fine right out of the box (with the exception of the QSK problem noted), and as a VHF wideband receiver, it can be easily fixed to perform well there too. (Out of band VHF Tx is another matter, it can be done, but it isn't simple, and screws up the radio for other uses. Don't buy this radio for out of band VHF Tx, you'll be unhappy with the result. HF out of band Tx is a very simple mod, however.)

Alinco and Yaesu offer competing radios. The Yaesu may be a slightly better HF radio, but it is bigger, and HF only. The Alinco is cheaper, and has 6 meters, but lacks 2 meters and some of the other neat features of the IC-706. I think the IC706 offers the right combination of size, price, and features to win its class. Apparently a lot of other people do too.

Gary
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3100. Re: Front end on DJ580 blown, ideas?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-05 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar5.175748.11000@ke4zv.atl.ga.us>
Source record: 204947

In article <562.6636T1360T2005@moor.slip.uky.edu> Wally@moor.slip.uky.edu (Walter R Francis) writes:
>
>I forgot to disconnect/turn off my HT hooked up to a mobile antenna, and
>transmitted 50 watts out of another mobile antenna 1 1/2 feet away. Now the
>receive is severely attenuated on 2M, works fine on transmitting both bands
>and receives fine on 440 (had it on single band mode, if that mattered)..
>
>Anyone have suggestions, besides sending it to Alinco? I assume it's most
>likely a pretty complicated problem, transister or so chewed apart.
>
>Any and all help appreciated. *sigh*

Sounds like you fried the front end all right. If you consider replacing
a transistor a complicated problem, you'd better send it to Alinco.

Gary

--
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3101. Re: Intermod Probs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-05 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar5.181153.11104@ke4zv.atl.ga.us>
Source record: 204948

In article <313a19f8.150023915@news.anet-dfw.com> ScottP@pobox.com writes:
>I have a Kenwood 733A and get serious intermod problems on 2 meters.
>Is this characteristic of most dual band rigs? Is there anything I
>can do with the antenna to reject some of the intermod? Thanks.

It's characteristic of the Kenwood (and to be fair of some others
as well). There are two solutions. There are bandpass filters
sold by Tucker and Alabama Radio that will limit the out of band
crud from reaching your radio. Of course you can only receive
2m signals then, but at least the howling monster is tamed. There
is also a notch filter available that will kill just the pager
segment of VHF. If it's pagers driving you mad, this may give you
some relief. I don't recall the manufacturer, but they advertise
in QST. In any case, these filters go in the transmission line
between the radio and the antenna.

Gary
--
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3102. Re: Icom W21AT Wide RX problem..

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-05 00:00:00 UTC
From: bhinkle@nc5.infi.net
Message-ID: <4hhpcj$8f@nw003.infi.net>
Source record: 204949
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <4hgi8o$h7t@uwm.edu>, herb@alpha1.csd.uwm.edu says...
>
>I have done the keypad mod for extended RX, but it doesn't recieve much.
>I read on an FTP site that this it the way to do it. However, at a local
>repair shop, I was able to view a mod book for Icom radios. It cites the
>addition of D-23 (MA132WK) as the RF expansion mod. Has anyone tried
>this? Is it possible that Icom has stopped including this in the W21AT
>radios? I know the keypad mod works on the earlier models..... Perhaps
>they no longer include this diode. In the book, it said to do the keypad
>mod only AFTER inserting the diode/ So, maybe mine TUNES out of band,
but
>requires a diode to actually RECIEVE out of band.. Any experience with
this?
>
>
>Nate, KB9LSX
>
>Thanks alot!
>
Nate,
The diode is for extended tx. If you are trying to receive 800 Mhz forget
it. Its blocked in the cpu.

73
Barry KT4DQ

3103. Re: IC-W31A: Mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-05 00:00:00 UTC
From: lui@netcom.com
Message-ID: <lui-0403961309540001@192.0.2.1>
Source record: 204950

In article <4h4qvs$epl@dg-rtp.dg.com>, climber@tetons (John Smith) wrote:

> Attached is a gif file containing enough information to mod a w31a
> for extended receive and transmit. As it includes cell and public
> bands this mod should only be done to ht's being used to test
> other equipment. The quality of the scanned picture is low, but
> the mods can be done with the info supplied.
>
> begin 644 ICOM.GIF

Does this apply to the IC-Z1A too?

Stephen

3104. Re: Best 1.5KW HF AMP?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-05 00:00:00 UTC
From: jchol@aol.com
Message-ID: <4hijdo$l6e@newsbf02.news.aol.com>
Source record: 204951

Try the QRO HF-2000. It is a lot of amp for the money and the quietest I have ever seen. I really like mine.

3105. Re: IC-775DSP vs. FT-1000MP?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-05 00:00:00 UTC
From: Gene Shablygin <Gene@JetISI.Com>
Message-ID: <NEWTNews.826091267.32651.gene@jetisi.com>
Source record: 204952

In article <313A2792.3D04@pclink.com>, <radiokid@pclink.com> writes:
> Path:
alterdial.uu.net!uunet!in2.uu.net!newsfeed.internetmci.com!mr.net!news.mr.net!n
ews.protocom.com!usenet
> From: radiokid@pclink.com
> With some of the recent radios in DSP technology, the time is right for
> me to buy a new HF rig that also includes dual receive. Both the Icom
> IC-775DSP and Yaesu FT-1000MP appear to have the features I like, but I
> don't have good information on each. For example, I understand the Icom
> has had a problem with tranmitting on both frequencies when operating
> "split", and I don't know if they've got this fixed... also, the recent
> QST review was fairly mediocre support for this unit, in my view. On
> the other hand, I don't know much about the FT-1000MP, how it differs
> from the FT-1000D and whether anyone has experience to offer regarding
> the pros and cons of either the Icom or Yaesu selections. Any help out
> there?
>

It looks like 1000MP is superior to 775DSP in many aspects. It is quiter,
more user-friendly, and... MUCH cheaper (almost 1000 bucks less). The
biggest drawback of 1000MP is its "low" power (100 W), which is not enough
for driving 2x3-500Z amplifier for full output. The only other advantage
of 775DSP I found is much better manual notch filter.

After long thoughts, I bought 1000MP -- and do not regret. Now I am waiting,
until Fox-Tango will design IF filters for it...

Still, none of new digital radios can outperform old good Drake R4C with
proper alignment and good filters! But to have all in one box, I think
that today 1000MP is the best ham transceiver money can buy.

73

Gene AB5GY / RA3AA

3106. Re: Announsing: Technology Patent Available For Purchase

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-05 00:00:00 UTC
From: n7ws@azstarnet.com
Message-ID: <n7ws.89.0028658F@azstarnet.com>
Source record: 204953
Cross-posted to: sci.astro.amateur,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.antenna,misc.invest.technical,misc.invest.stocks,misc.invest.funds,misc.invest.canada

In article <4hdlvj$kvv@sun.sirius.com> paul@laughton.com (Paul Laughton) writes:
>From: paul@laughton.com (Paul Laughton)
>Subject: Re: Announsing: Technology Patent Available For Purchase
>Date: Mon, 04 Mar 1996 02:54:14 GMT

>gherbst@msn.com wrote:

[blah,blah... deleted]

>I wonder how Mr Herbst slipped this one past the prior art
>investigation? This technology has been around since the early 70's -
>at least. For example, IBM and Amdahl main frames made extensive use
>of it.

Simple. He reinvented it first!

3107. Need suggestion on 2 meter all mode mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-05 00:00:00 UTC
From: muenzlerk@uthscsa.EDU
Message-ID: <01BB0A71.DD778380@muenzlerk.uthscsa.edu>
Source record: 204954

Does anyone have any suggestions for a 2 meter all mode
portable/mobile rig?

Thanks,
Kevin, WB5RUE
wb5rue@amsat.org
muenzlerk@uthscsa.edu

3108. WHO STOCKS ICOM GEAR IN THE US?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-05 00:00:00 UTC
From: cogand@iconz.co.nz
Message-ID: <4hgfd7$gqd@status.gen.nz>
Source record: 204955

Hi,

I am a ham in New Zealand and interested in buying one
of the latest modelIcom HF transcievers and a old model
Icom HF transceiver.

Very expensive in NZ.

Would like some details of retailers in U.S. so I can
ring them to find out prices.

Cheers
Dave
E Mail cogand@iconz.co.nz

3109. Re: Motorola HF gear?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-05 00:00:00 UTC
From: markem@primenet.com
Message-ID: <markem.204.0011CD40@primenet.com>
Source record: 204956

In article <313BA8AA.7C67@kmg.com> Dave Dredge <ddredge@kmg.com> writes:

>It seems to me the R-390 was made by Collins.

The 390 was made by several companies, Collins and Motorola among them...I don't remember the others but there were two or three others.

Mark AA7TA

3110. How can I modify a FT201 to work on 74meter(MARS)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-05 00:00:00 UTC
From: cabrams@sisna.com
Message-ID: <313bafad.0@news.sisna.com>
Source record: 204957

I have a Yaesu FT201 (1975) tube and crytsals. Can
I modify it to work in 40.29 & 40.20khz. Thanks for
any help.
cabrams@sisna.com

3111. Re: Need suggestion on 2 meter all mode mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-05 00:00:00 UTC
From: ajm@teleoscom.COM
Message-ID: <9603052109.AA21995@teleoscom.com>
Source record: 204958

Yaesu currently makes the FT-290R-II which comes with a "snap-on" 25 Watt
amplifier for mobile or fixed station use (when not using the battery pack)
This unit is still in production and is probably the cheapest all-mode
2m rig available.

3112. Bird watt meter (need part)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-05 00:00:00 UTC
From: Bob Dashoff <rdashoff@ucr.campus.mci.net>
Message-ID: <313D0594.105D@ucr.campus.mci.net>
Source record: 204959

I have a Bird wattmeter that needs a logo plate for the top of it's case. Bird won't sell me one unless they install it. If you have an old case sitting around or the logo plate that is screwed to the top of the case and you don't need it, I'd like to buy it from you. Any help would be appriciated....

Bob.....

3113. Re: How does a Hammarlund HQ - 180 work?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-06 00:00:00 UTC
From: centrak@en.com
Message-ID: <4hj3mm$t96@antares.en.com>
Source record: 204813
Cross-posted to: rec.radio.amateur.equipment,rec.radio.shortwave

John Kolb (jlkolb@sd.cts.com) wrote:
: Eric E. Palmer (n2b8c6fv@abaco.coastalnet.com) wrote:
: : I am just getting into HAM and a friend just loaned me a
: : Hammarlund HQ - 180. It's old, but it seems to work. I don't know
: : how to use much of it. I did find an AM station, but there are
: : sure a lot of dails and stuff.

: Yes, there are very few radios that have as many knobs as the HQ-180.
: Not an ideal radio to start with, perhaps. Band switch, main tuning
: and bandspread tuning are used to select the desired station. For the
: ham bands, if the main tuning is set to the correct postion, then
: the bandspread dial freqs can be read directly as the correct freq.
: On other freqs, the bandspread knob is used for fine tune only.

: Most of the controls are used as part of the IF section for avoiding
: interference. There is a notch filter, called Slot Frequency control
: which is tuned to null out a carrier near the desired freq. Leave
: turned all the way to one side or the other when not required.
: The Vernier tuning control is used for very fine tuning. This controls
: the conversion from the second IF, 455 kHz to the 3rd IF, 60 kHz,
: so tuning this does not affect the setting of the notch filter.
: Bandwidth and sideband selector controls are used to select the
: bandwidth you receive with and vary depending on the mode of the
: received station, AM or sideband, as well as how much noise and
: interference is on the station.

: I can provide a 3rd generation copy of the manual for $6.00 -
: rather poor pictures, which will have much greater detail.

: John Kolb
: 540 S. Kalbaugh St.
: Ramona, CA 92065

How does my HQ-180 work? .... just fine thank you!

3114. Re: Intermod Probs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-06 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <4hk6b3$7pi@newsbf02.news.aol.com>
Source record: 204814

Scott: Get the notch filter that Gary just recommended,,,that wiould be my suggestion. I think the company is called PAR electronics (?) they always have a classified ad in QST..nice thing abt it is you won't lose ur 440 band since it is only notching out the pager freqs...I use one with my Yaesu HT and it just abt eliminated all intermod around here in Jacksonville (intermod capital of the Universe).
73's Mike KS4DA

3115. Re: IC-W31A/IC-Z1A CTSS Decode and Tone Squelch Standard?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-06 00:00:00 UTC
From: rhelton@netcom.com
Message-ID: <rheltonDntn8s.9zn@netcom.com>
Source record: 204815

Roger W Sellers (rsellers@misha.net) wrote:

: In article <lui-2902961138500001@192.0.2.1>, lui@netcom.com&#65533; says...
: >
: >The HRO ad says that the IC-W31A and IC-Z1A both come standard withe 2.5
: >watts of power and CTSS decode standard, with the BP-180 battery. Does
: >this mean that they include the UT-94/UT-93 modules and also come withe
: >tone squelch, pocket beep, and tone scan? Is tone squelch controlled by a
: >CTSS tone or is like the DTMF paging feature of the FT-51R?
: >
: >Stephen

: No there is an optional tone board (the UT-93) I believe that is required for
: that. Dealer was selling for 75-90 I thought.

Although the manuel makes it seem that the UT-93 is optional, it is
included in the us version.

: Roger
: KB9LBU

--
rhelton@netcom.com

3116. RE: ARK QRP Kits

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-06 00:00:00 UTC
From: kb7et@usa.pipeline.com
Message-ID: <4hk9ua$c9@news1.usa.pipeline.com>
Source record: 204816

Hello:

Am contemplating purchasing one of the ARK QRP
transceiver kits - the 30M model. Would appreciate
any comments on the radio and kit. They seem to
be rather expensive - are they worth the $$$?

73 de Jim, KB7ET
kb7et@usa.pipeline.com

"Hell is the impossibility of reason." author unknown

3117. POCSAG Decoder

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-06 00:00:00 UTC
From: pocsag@l0pht.com
Message-ID: <pocsag-0603960004530001@whacked.l0pht.com>
Source record: 204817

L0pht Heavy Industries has designed and may produce a pager 'interceptor' / POCSAG decoder. The device is powered off the serial port and fits inside a DB25 hood (it is 1.1" sq.) It is possible to monitor pager data transmissions at 512/1200/2400bps and will decode both numeric and alphanumeric messages. The device is used with a radio scanner (not included) and PC software.

We are trying to determine the current market interest for such a device. If you would possibly be interested in purchasing this item, please send us an e-mail (pocsag@l0pht.com) letting us know if you would want it available in schematic/kit form or as a fully-assembled unit, and the approximate market value of this product.

Thanks.

L0pht Heavy Industries POCSAG Project
pocsag@l0pht.com

---
http://www.l0pht.com pocsag@l0pht.com

3118. IC 275H Modifications

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-06 00:00:00 UTC
From: Pedro_Bustamante@mindlink.bc.ca
Message-ID: <4hjd5d$669@fountain.mindlink.net>
Source record: 204818

I need any modification to extend coverage for the IC275H 2 meter base radio. Please post answers or e-mail to above address.

3119. Re: Late model FT-530 mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-06 00:00:00 UTC
From: Jeff Clark <jefco@got.net>
Message-ID: <313D4CDB.63C8@got.net>
Source record: 204819

Jeff Clark wrote:
>
> Robyn Lyn Lempicki (aka Gerry) wrote:
> >
> > Hi! I just got a new FT-530. According to the mod that I found while
> > searching the net, there is one solder pad (#13) to open up. My radio looks a
> > bit different inside...I had a green wire that was just begging to be cut, so
> > I did it! It looks like that enabled airband rx. Does anyone know how to get
> > 800-950mhz rx? How abt extended tx? -Gerry
>
> Will knowlegable parties please post this info to the group or my email address.
> I just bought one of the late model ft-530s as well and am interested in the
> extended tx mod. It sure is different in there...

OK, I checked the boston amateur radio archives a second time & found the mod. for the late model ft-530 at the bottom of the list. I tried the mod & it worked great. The site can be found at:

http://ftp.barc.org:8080/pub/hamradio/mods/yaesu/

73
jeff, kf6bkg

3120. RE: Wanted: Tandy Modem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-06 00:00:00 UTC
From: dswickard@msn.com
Message-ID: <00001fed+0000306d@msn.com>
Source record: 204820

I have a Tandy Direct Connection Modem Pack. It is a 300 baud modem. The Radio Shack Catalog Number is 26-2228. This modem has never been used and is still in the original plastic bag and includes the manual. Reply here if interested or email to dswickard@msn.com

73
de KD6FJS

3121. Re: Good set of headphones

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-06 00:00:00 UTC
From: Joe Fitter BV/N0IAT <joentam@transend.com.tw>
Message-ID: <4hjt1v$c0p@tilde.csc.ti.com>
Source record: 204821
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.shortwave

Steve,

I have had good luck using some Sony headphones from a "Sony Sport Walkman". These are yellow colored, and actually fit into the ear canal instead of the traditional 'phones that cover the ear.

I find the fidelity super, and they are very lightweight. Also, the cord is kinda "tangle proof" and easy to spot since it is bright yellow colored.

Only catch is that these are stereo. A stereo to mono adapter should solve this problem. Most newer HF rigs use the stereo phones jack anyway.

Price for replacement is well under 20 bucks too....

Joe in Taiwan

3122. Alinco DJ-160

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-06 00:00:00 UTC
From: redbone@juno.COM
Message-ID: <199603061131.DAA00358@UCSD.EDU>
Source record: 204822

Can somebody tell me the function of the "Call" button on this HT? Is it for calling out or for someone to call in? I have a few page manual that came with the radio but it does not adequately explain the function.
Also I need a recommendation as to a book to purchase that explains this stuff to new Hams. Would the "ARRL Operating Manual" explain all these functions?

Thanks,
Doug
KC8CGX

3123. Re: So.Cal. Hams Use 445.3MHz Repeater...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-06 00:00:00 UTC
From: mitch@primenet.com
Message-ID: <313e4885.57367005@news.primenet.com>
Source record: 204823

wsoon@primenet.com (Bill Soon) wrote:

>Tony:
>
>OK -- which is it??? 445.5 or 445.3 ???
>(I know but others reading your post may not !!!)
>
>Bill -- KF6ZO
>
>cardenas@kaiwan.com (Anthony O. Cardenas) wrote:
>
>>Fellow Hams:
>
>>When in Los Angeles, licensed Hams are invited to use:
>
>>445.5MHz (down 5 MHz) with a PL of 100Hz.
>
>>The Repeater is located on top of Palos Verdes and 'see's 98% of the LA
>>Basin and has a range of about 120 miles. The System is listed as
>>"Private", however, I wish to extend a welcome to 'Guests'. There are no
>>dues or fees.
>
>>Guests are requested to obey FCC rules and observe the Golden Rule. It's
>>that simple.
>
>>Enjoy the Repeater!
>
>>Tony Cardenas
>>WA6IGJ
>
>
>wsoon@primenet.com http://www.primenet.com/~wsoon/
>

Tony,
It's nice to see that some repeaters still try to abide by FCC rules
and the Golden rule. I'm from western Colorado where most hams abide
by the same, but while I've been in Phoenix the last month, I've heard
so many conversations on the 146.940 repeater that I would not even
discuss over a cordless phone, let alone an OPEN repeater, that I am
very disapointed with some of our ham brotheren. They sounded as bad
as CB'ers. I have been a ham for along time, testing for novice, then
Tech at the FCC because there were no VE's then. I'm on my third
license and my second call, and it seems that common courtesy on 2m
and UHF repeaters has gone down hill greatly. Hang in there.

73's
Bill (N0EVG)

3124. Re: opinions requested on Icom IC-Z1A and Yaesu FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-06 00:00:00 UTC
From: mitch@primenet.com
Message-ID: <313e4c82.58387710@news.primenet.com>
Source record: 204824

art timmers <art_timmers@mindlink.bc.ca> wrote:

>I am narrowing down my list of 2M handheld radios that I want to buy -- I wouldn't mind having some opinions
>on either one of the two radios in the subject of the posting. Pros or cons on either one of them. I kind
>of like the removable control panel on the Icom, but other than that, am probably just going to flip a coin,
>if I don't get any negative comments on either one.
>
>Thanks for any information given.
>
>John Timmers VE7 JBT (just got that ID today, BTW; I wrote and [quite obviously] passed my basic
>qualification two weeks ago :-) [gotta' reward myself with a new radio ;-)

John,
Try the Icom W31A instead of the Z1A. It's easier toe program and has
very much better RX audio than the Z1A. I would recomend either the
IC-W31A or the Yaesu FT-51R, as I have experience with both. I am
presently using the IC-W31A and thinking of another FT-51R/HP for a
second Dual Band HT. I don't think you would go wrong with either one.
73's
Bill (N0EVG)

3125. Re: ICOM IC-706 Poor Mic Gain

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-06 00:00:00 UTC
From: jayk@fc.hp.com
Message-ID: <4hk930$573@fcnews.fc.hp.com>
Source record: 204825

Mike Willis (mjw@rcru.rl.ac.uk) wrote:
: Jay Kesterson K0GU wrote:
: >
: > On a somewhat related subject. My 706 has rated output on HF and VHF
: > in the CW mode. However on SSB it only puts out about 30/40 watts on
: > HF and ~4 watts on 2m. If I whistle in the mike I get near CW output
: > but speech, no matter what the volume, produces the lower output.

: What do you expect! In SSB mode, the peak power is indeed 100W. With
: speech, the average duty cycle is something like 25%. With a processor
: or by shouting you can get this up to maybe 40%. Whistles are tones at
: the peak power, hence you see 100W. Unless you use a peak reading power
: meter, you will not see the actual peak power on SSB, but some average
: determined by the dynamics of the power meter.

I expected the meter reading to act like my other radios. As you (and others) pointed out what I am seeing is a function of an average reading meter. I'll explain how I made this mistake.

Both my FT-1000 and TS-930 easily put out 75+% of their CW value on SSB using a average reading meter. A little testing at home last night reminded me why. The IC-706 has AF processing, my other two rigs have RF processing. The 706 puts out 100W on CW and I see about 30W on the average meter on SSB. If I turn on the processing it adds three or four more watts. My TS-930 puts out 110W on CW and about 40W average on SSB. When I turn on the processor in the 930 the average power goes to 80W. Its been about 20 years since I owned a rig without RF processing. I forgot how much difference it make on the average. So it was indeed pilot error on my part.

On a peak reading meter I do see a fair amount of power on the 706. However on the other rigs, with RF processing, there is very little difference between peak and average (as you would expect).

Thanks for the responses.

73, Jay K0GU jayk@fc.hp.com

3126. Re: WTB: DUAL BAND W/SCAN

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-06 00:00:00 UTC
From: mitch@primenet.com
Message-ID: <313e4dd5.58726473@news.primenet.com>
Source record: 204826

AAZZ@msn.com (RICHARD DOHERTY) wrote:

>IM LOOKING FOR A DUAL BAND HT WITH EXTENDED SCANNING CAPABILITY AT A
>FAIR PRICE. ICOM W 21AT, FT 530, STANDARD 508 OR?
>REGARDS, DICK

Richard,
H.R.O. has a special on the FT-530 right now for $299.00 (nib).
You would not like the W21AT as it has very poor RX audio.
73
Bill (N0EVG)

3127. Re: HTX-242?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-06 00:00:00 UTC
From: mitch@primenet.com
Message-ID: <313e4ea4.58933691@news.primenet.com>
Source record: 204827

jrw4@ix.netcom.com (JRW) wrote:

>Anybody know anything about the HTX-242?
>
>-JRW4
There is an HTX-202 but no HTX-242.

3128. Re: Trade 5ht for 2ht

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-06 00:00:00 UTC
From: mitch@primenet.com
Message-ID: <313e4f05.59031081@news.primenet.com>
Source record: 204828

lbullard@sirinet.net (Lewis Bullard) wrote:

>I have three standard hx 400U ht's, 1 standard hx340 ht,
>and 1 erricson/ge ht. I would like to trade for two
>motorola ht's. Interested?

What kind of shape is the HX-340 in and is it a VHF unit with
touch-tone pad and LCD channel readout?
Bill e-mail add is: mitch@primenet.com

3129. Want 2 meter Transever

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-06 00:00:00 UTC
From: JA Glasscock <glass@televar.com>
Message-ID: <4hk8uk$oia@golden.ncw.net>
Source record: 204829

Does Any body want to sell their 2 meter Transever? Just email me at <a Href="mailto:glass@televar.com">Glass@televar.com, With "Vance Transever" in the subject line.

3130. Re: ADMS-1 Software for FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-06 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4hk68o$fmk@news.ccit.arizona.edu>
Source record: 204830

wd6dih@ix.netcom.com(Kevin Karamanos) writes:
>WARNING......
>If you use EZ Clone or another external software other than the
>recommended ADMS-1 software, you may find that your warranty is void on
>your FT-51R.
>Why take the risk?????
>tomching <tomching@intercon.net> writes:
>>ADMS-1.
>>If you want to do this, you can try EZ Clone.
>>http://www.acsys.com

I don't get it. Yaesu DID NOT develop ADMS-1, they bought it from a small company that developed it and had been selling it themselves for a while. So are all the radios that were programmed using ADMS-1 before Yaesu bought the software tainted in some manner? And what of all those fancy HF radios on the market that can be computer controlled by various makers software packages? Are all those radios under suspicion?

Amateur radios are not the same as other forms of consumer electronics. There are no labels declaring "No User Serviceable Parts Inside". Amateurs are SUPPOSED to be fiddling about with their toys, and the manufacturers expect it. Were Yaesu to go about invalidating warranties every time an amateur programmed a radio, they'd pretty quickly be out of business.

Why buy EZ-Clone over ADMS-1? It's quite simple for me. ADMS-1 is a Windows application, requiring the large $$$ platform of a Windows based machine. I need to reprogram my FT-51R on the go and in remote locales from a cheap old 8088 based laptop with onle two 720K floppy drives. My understanding is that EZ-Clone will readily run off of one 720K floppy. What I'm doing is using the toy for SAR operations, which can occur in many different regions. Should I buy a laptop that will support Windows so that I can run ADMS-1? Now that would be absurdedly expensive!

If Yaesu wanted to support this part of the market they've had plenty of time to do so. Both Yaesu and the original maker (I've lost the prior company's info) heard from me on this. I've ordered EZ-Clone as a Beta Tester, it should come in this week.

That is all.

Chris - N7RME

3131. Re: Fuses for Knwd TL-922A amplifier

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-06 00:00:00 UTC
From: grhosler@mmm.com
Message-ID: <4hkbva$j8v@dawn.mmm.com>
Source record: 204831

davidj@nauticom.net wrote:

>My Kenwood TL-922A blew the 15 amp fuses. I corrected the problem and
>the spare (original) set of fuses were installed. Everything is now
>working properly. I called Kenwood Parts Distributors (East Coast
>Transistor Parts 800-637-0388) to find out what the fuses cost, since
>I wanted some spares, and the gentleman told me that they were $7.50
>each plus a shipping charge of $6.50 per order. That is $10.75 each
>for fuses, delivered!! This person told me they were time delay fuses.
>I started looking for replacements elsewhere. I came up with the
>following:

---------SNIP--------
>Thanks,

>Dave

I had a similiar problem Dave. The difference is that I called East Coast Transistor Parts and told them that I had spent the weekend looking for replacements with no luck. I gave them my CC number and told them to send me 5 PAIRS's! Stupid me,...didn't ask the price! After all, they are just fuses,...right? Darn near went into cardiac arrest when I got the bill. I called them back to verify the price, just couldn't believe the goudge job. If anyone else out there is in need of a spare set of fuses I've got a few to sell. How bout $13 a PAIR shipped CONUS!

73's de KN0Z Gary in Wyoming, MN

Opinions expressed herein are my own and may not represent those of 3M.

3132. Re: Good set of headphones

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-06 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar6.165749.15851@ke4zv.atl.ga.us>
Source record: 204832
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.shortwave

In article <4hicb4$msv@bolivia.it.earthlink.net> kb6ojs@earthlink.net writes:
>I have been using a pair of Archer (Radio Shack) lightweight mono
>headphones for SWL and ham work, but they are getting a little worn. I
>would like to get a better set of headphones -- mono, general purpose for
>both SWL and ham use -- but would like to find out what others are using
>and get their recommendations. Any comments, feedback etc. will be greatly

I suspect several people will consider this heresy, but I recomend using
the best high fidelity headphones you can find, and a stereo-mono adapter
if your radio needs it (some radios today will already work properly
with stereo headphones). I think the best lightweight headphone is the
Koss PortaPro.

The reason some may consider this heresy is that this type of headphone
has a very wide bandwidth, and they will urge you to get headphones with
restricted bandwidth to reduce the high frequency noise you will hear.
This is, IMHO, a mistake. You should do any necessary filtering electronically
before the signal is fed to the transducers. The reason for this is that
restricted bandwidth electromagnetic transducers have high THD (5% to 10%
is not uncommon), and excessive phase distortion, and that leads to listener
fatigue. It is far better to get the necessary filtering done electronically
where THD can easily be held to a fraction of 1%, and then feed that filtered
signal to a transducer which will have low THD in the restricted bandpass.
(This is similar to a crystal filter, which has large non-linearity near
its passband edges, but can be quite linear in the center of its range.)

The Koss PortaPro is also quite sensitive, so you can run reduced receiver
volume. This is also good, because typical receivers start to have large
THD numbers when driven toward higher signal levels. So running at reduced
volume settings can also reduce listener fatigue.

If your receiver's audio stage generates excessive hiss and hum, its
design is broken, and needs to be fixed, not just masked by limited
response headphones.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3133. found source for Texscan test eq. support, manuals

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-06 00:00:00 UTC
From: parnass@radioman.ih.att.com
Message-ID: <4hkj51$lgt@ssbunews.ih.att.com>
Source record: 204833
Cross-posted to: rec.radio.amateur.equipment,sci.electronics.repair,sci.electronics.equipment,rec.antiques.radio+phono

Need support or a manual for older Texscan brand spectrum
analyzers, signal generators, or field strength meters?

I found out that support for some of the older Texscan test
equipment is now provided by:

Trilithic
9202 E. 33 St.
Indianapolis, IN
46236-4200

tel. (317)895-3600

Note: This article written to share information and is
not an endorsement.
--
==========
Copyright 1996, Bob Parnass, AJ9S parnass@lucent.com

Find and identify transmitter sites with RadioMap(tm)

3134. Re: ICOM IC-706 Poor Mic Gain

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-06 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar6.181244.16233@ke4zv.atl.ga.us>
Source record: 204834

In article <4hk930$573@fcnews.fc.hp.com> jayk@fc.hp.com writes:
>Mike Willis (mjw@rcru.rl.ac.uk) wrote:
>: Jay Kesterson K0GU wrote:
>: >
>: > On a somewhat related subject. My 706 has rated output on HF and VHF
>: > in the CW mode. However on SSB it only puts out about 30/40 watts on
>: > HF and ~4 watts on 2m. If I whistle in the mike I get near CW output
>: > but speech, no matter what the volume, produces the lower output.
>
>: What do you expect! In SSB mode, the peak power is indeed 100W. With
>: speech, the average duty cycle is something like 25%. With a processor
>: or by shouting you can get this up to maybe 40%. Whistles are tones at
>: the peak power, hence you see 100W. Unless you use a peak reading power
>: meter, you will not see the actual peak power on SSB, but some average
>: determined by the dynamics of the power meter.
>
>I expected the meter reading to act like my other radios. As you (and
>others) pointed out what I am seeing is a function of an average reading
>meter. I'll explain how I made this mistake.

If you don't like the average response, you can change the metering
to peak hold by turning intial set mode function 4 on.

>Both my FT-1000 and TS-930 easily put out 75+% of their CW value on SSB
>using a average reading meter. A little testing at home last night
>reminded me why. The IC-706 has AF processing, my other two rigs have
>RF processing. The 706 puts out 100W on CW and I see about 30W on the
>average meter on SSB. If I turn on the processing it adds three or four
>more watts. My TS-930 puts out 110W on CW and about 40W average on SSB.
>When I turn on the processor in the 930 the average power goes to 80W.
>Its been about 20 years since I owned a rig without RF processing. I
>forgot how much difference it make on the average. So it was indeed
>pilot error on my part.
>
>On a peak reading meter I do see a fair amount of power on the 706.
>However on the other rigs, with RF processing, there is very little
>difference between peak and average (as you would expect).

As I would *not* expect, unless you're compressing the absolute hell
out of the signal. The only difference between AF compression and RF
compression is that one is done at AF while the other is done at
RF. The end result is the same. Where RF processing pays off big is
if you are *clipping* the signal with a RF clipper. Then you can use
a good filter to remove products that would have appeared *in-band*
if you had done the clipping at AF.

But compressing to the point that the speech waveform only has a peak to average ratio of 1.375:1 would result in a nearly unintelligible (and probably broad as a barn too) signal. It does little good to be loud if you sound like you're talking through a mouth full of mush.

Note that the audio response of this radio has a lot of low cut, so there is very little bass response, and this may tend to exaggerate the appearance of low average power output when the compression is on. But low frequencies don't carry any intelligence in human speech, though they contain most of its power, but that's just wasted power. That may be why you're seeing such high average power readings with the other radios. The output is mostly useless low frequency components, while the intelligence carrying frequencies may not represent much average power at all.

If you *must* have boomy bass, replace C428, C402, and C169 with 4.7 uf capacitors. (A tip of the hat to Frans Veldman for this fix.) I suggest you leave it be, however, and go for intelligibility rather than empty meter readings.

BTW, the IC-706 should put out 50 watts with a steady 1.5 kHz tone input to the mic connector at a level of 10 mV. If it doesn't, adjust R511 on the main board (just to the front left of the optional filter socket) until it does. This sets total transmit gain, and should be done with power set to H and mic gain set to 5 on the quick set menu, and compression OFF.

Now if you increase the input signal to 100 mV, output power should be 100 watts (and ALC should be at the set mark). If it isn't, on HF adjust R95, on 6m adjust R98, and adjust R338 for 10 watts on 2m. If you don't have the service manual, R95 and R98 are the middle two of a row of four pots just to the left of the ribbon cable connector on the main board (remove the top cover). R95 is the second from the front, and R98 is the third from the front. R338 is just to the front of the right edge of the connector that has the infamous yellow wire.

If you have an *accurate* AF generator, and you confirm or adjust to get these conditions, the radio should behave as rated with the furnished hand mic, and if you set the compression pot to 11 o'clock, when you speak into the mic you should be compressing for maximum signal with best intelligibility. If you don't have an accurate audio source, don't go monkeying around with these pots.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3135. 800 MHz RX Mod for IC-Z1A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-06 00:00:00 UTC
From: lui@netcom.com
Message-ID: <lui-0403961721170001@192.0.2.1>
Source record: 204835

I downloaded the GIF file with the ICOM mod sheet for the IC-W31A, which includes mods for 800 MHz RX and out of band TX. Can the IC-Z1A also be modified to receive 800 MHz? The IC-Z1A and IC-W31A seem pretty similar. I do have the mod info for out of band TX on the IC-Z1A, but I'd also like the mod for 800 MHz RX.

Stephen
KF6BTE

3136. Re: Want 2 meter Transever

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-06 00:00:00 UTC
From: jayb@aol.com
Message-ID: <4hkl3p$c8p@newsbf02.news.aol.com>
Source record: 204836

i have a yaesu ft207r for $50. works good. Jay

3137. FS 2 Meter Mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-06 00:00:00 UTC
From: djj@rocket.cc.umr.edu
Message-ID: <4hkkju$ihu@hptemp1.cc.umr.edu>
Source record: 204837

Hello...If anyone is interested, I have a 2 meter mobiel radio for sale. It is the Radio Shack HTX-212. I know it is not the best radio on the market, but it is a great starter radio. It works great and was not used much over a year. I have the mounting hardware and the owners manual to go with it. I am asking $150.00, or best offer.

It is in great condition. Please let me know if anyone is interested. You can send email to djj@umr.edu

Thanks,

Dwain

3138. Re: FS 2 Meter Mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-06 00:00:00 UTC
From: djj@rocket.cc.umr.edu
Message-ID: <4hkkn2$ihu@hptemp1.cc.umr.edu>
Source record: 204838

By the way, I hope I have posted this to the right newsgroup. If not,
please advise where I can post this!

Thanks,

Dwain
N0MKB

3139. VHF Communications Magazine

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-06 00:00:00 UTC
From: Michael J Wooding <vhf-comm@g6iqm.demon.co.uk>
Message-ID: <3bVvmQA11dPxEwzK@g6iqm.demon.co.uk>
Source record: 204839

Hi Folks,

For subscribers and interested parties:

Issue 1/1996 of VHF Communications is now at the printers and should be
shipped by March 30th.

For more information on the contents of this issue and on subscribing to
the magazine take a look at our Web site:

http://www.eolas.co.uk/ag/vhfcomm.htm

Thanks and 73 ... Mike

Michael J Wooding vhf-comm@g6iqm.demon.co.uk - CompuServe: 100441,377
Web Pages: http://www.eolas.co.uk/ag/vhfcomm.htm (hambits.htm & hamclip.htm)
Tel: (0)1788 890365 Fax: (0)1788 891883
KM Publications, 5 Ware Orchard, Barby, Nr.Rugby, CV23 8UF, UK
VHF Communications Magazine - Especially Covering VHF, UHF and Microwaves

3140. Ham-Equip Digest unsubscribe

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-06 00:00:00 UTC
From: rhoads@dickinson.EDU
Message-ID: <Pine.OSF.3.91.960306140158.25969A-100000@alpha.dickinson.edu>
Source record: 204840

```
unsubscribe
rhoads@dickinson.edu

now!
```

3141. FS FT-900/AT with ant.'s

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-06 00:00:00 UTC
From: denoid95x@aol.com
Message-ID: <4hko12$dlh@newsbf02.news.aol.com>
Source record: 204841

I am selling my HF rig after only four months. The Yaesu FT-900/AT comes
with the YSK-900 seperation kit and two antenna's 20 and 40 meter sticks.
Call me a 315-487-9185 or email me. I am asking $1000 if you have an
offer none the less make it.
N9RLR/2

3142. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-06 00:00:00 UTC
From: jjo@tekla.fi
Message-ID: <JJO.96Mar6081121@ds10.tekla.fi>
Source record: 204842

How can SB-220 produce so little output as 600 W in CW? I have a
SB-200 which seems to produce just about the same, around 500-600 W
out in CW depending on the band in question. SB-200 has two 572B's and
SB-220 has two 3-500Z's, so the SB-220 should definetely do better
than 600 W in CW.
--
Jari Jokiniemi, jari.jokiniemi@tekla.fi, OH2MPO, OH3BU
Tekla Oy, Koronakatu 1, 02210 Espoo, 90-8879 474

3143. IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-06 00:00:00 UTC
From: ag368@FreeNet.Carleton.CA
Message-ID: <Dnuzv1.LHq@freenet.carleton.ca>
Source record: 204843

I bought one for use primarily as a base unit and for taking on the road for Red Cross Emergency Services work.

I found that for VHF repeater work, unless I missed something in the manual, I had to program all of the local repeaters. There isn't a standard band plan set up in memory for the correct offsets. You need to go in and manually set up the offset. I did all the - offset repeaters and then the + ones.

You have to step through all the channels to get to the memory channel that you want. This is one place where a multi function keypad mic would come in handy if the the software and hardware was set up this way.

Hopefully when the weather turns a little warmer in a few weeks I will be able to get some antennas set up outside instead of the mag mounts on the cold air return for the furnace and the dryer for the HF.

Other than these 2 faults I love the radio and it appears to do what I want it to.

--
Mark Boyer VE3MJB ag368@freenet.carleton.ca

HELP, HELP we're twapped in a Dash 8 going wound and wound. A day in the life at uAmps R us.

3144. Re: Need suggestion on 2 meter all mode mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-06 00:00:00 UTC
From: landisj@nad.com
Message-ID: <1996Mar6.111925.461@nad.com>
Source record: 204844

In article <9603052109.AA21995@teleoscom.com>, ajm@teleoscom.COM (Anthony J. Monteiro X-6315) writes:
> Yaesu currently makes the FT-290R-II which comes with a "snap-on" 25 Watt
> amplifier for mobile or fixed station use (when not using the battery pack)
> This unit is still in production and is probably the cheapest all-mode
> 2m rig available.

This is a pretty neat little radio. I own one. I've taken it hiking on
the Appalachian Trail with me, and use it for Packet/FM/SSB at home.
It does it all pretty well, but not great.
It's strong signal handling is not the greatest. It's tough using it in a
contest, at least here in EPA. I would think the phase noise is up there too.
I did work 20 grids in the Jan VHF SS with it, an old 13el F9FT yagi,
and occasionally a 160W mirage amp.

73,
Joe - AA3GN
--
Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
landisj@nad.com ..speaking only for myself, of course..

3145. Radius P-200 on 6meters? Help!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-06 00:00:00 UTC
From: davef@radiozone.com
Message-ID: <4hkfve$sdh@falcon.ns.net>
Source record: 204845

Anyone know if the P-200 42-50 mhz model will program up on six meters?? I have software and RIB, but have not tried it yet. Any experience with this out there??

Thanks in advance,

Dave

3146. Re: How much power does an antenna tuner use?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-06 00:00:00 UTC
From: rcarpen@DGS.dgsys.COM
Message-ID: <Pine.SOL.3.91.960306184253.15075B-100000@DGS>
Source record: 204846

Regarding a simple answer to the question, I think it was Einstein who said: "For every problem there is an answer which is quick, simple, and wrong."

73 de Bob w3otc

3147. Help: Altenator Noise in Mobile killing my RX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-06 00:00:00 UTC
From: wega@ios.com
Message-ID: <4hk62p$8jt@news.ios.com>
Source record: 204847

I've been suffering a loud noise when I start the car. It is not ignition noise, but the altenator is making the "hash"... Does anyone have a possible fix? I've placed a ground on the back of the tail pipe which is killing the ignition noise, but need to find a fix for the "hash" sound when the car is running.

By the way I'm using an IC-706, 600 watt amp and DK3 and find all work excellent. Would like to now get rid of this hash.

Any suggestions would be appreciated.

Doc WE6A

3148. WTB: Yaesu Hand Mike for HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-06 00:00:00 UTC
From: Bill Kirk <billk@conic.loral.com>
Message-ID: <4hl4dc$sh7@wdl1.wdl.loral.com>
Source record: 204848

I am looking for a Yaesu hand mike, to work with a Yaesu HT. Please advise me direct via E-Mail of price, condx, etc..

Thanx!

73,

Bill W6RQQ

3149. 4-Sale, 1200 baud PSK moden

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-06 00:00:00 UTC
From: tom_boza@ccm.ch.intel.com
Message-ID: <4hkf33$kvo@chnews.ch.intel.com>
Source record: 204849
Cross-posted to: rec.radio.amateur.equipment,rec,radio.amateur.misc

I have the TAPR 1200 baud PSK modem for the PK-232. Excellent condition,
fully functional. Complete with manual and I will ship

$50 US/Canada, west of the Mississippi river
$55 US/Canada, east of the Mississippi river
$50 plus shipping cost international

WB7ASR...
tom_boza@ccm.ch.intel.com

3150. Looking for Information about Dentron Linear

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-06 00:00:00 UTC
From: a032623t@bcfreenet.seflin.lib.fl.us
Message-ID: <4hkr1s$4hf@news.seflin.lib.fl.us>
Source record: 204850

--

Kris Cordova
a032623t@bcfreenet.seflin.lib.fl.us

3151. Looking for Information about Dentron Linear

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-06 00:00:00 UTC
From: a032623t@bcfreenet.seflin.lib.fl.us
Message-ID: <4hkr8c$4hf@news.seflin.lib.fl.us>
Source record: 204851

--

Kris Cordova
a032623t@bcfreenet.seflin.lib.fl.us

3152. Re: Yaesu FT411E

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-06 00:00:00 UTC
From: mitch@primenet.com
Message-ID: <313d8666.7663675@news.primenet.com>
Source record: 204852

stevej@eastky.com wrote:

>I need the out-of-band mod for the Yaesu FT411E 2-meter HT. I got the mod from the Oakland FTP site but they have two
>different mods for the same radio. I need to know which one is right or even better. someone who has actually did the mod.
>Thanks Steve KF4FIO

Steve,
The jumper pad #3 should be the only pad that is soldered for the mod.
Unsolder all other pads. If you have a newer unit, remove jumper #2
and solder pad #3, then follow the rest of the instructions for
resetting and reprogramming the upper and lower limits.
Bill

3153. What happened to Patcom?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-07 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <4hmicb$4kqa@info4.rus.uni-stuttgart.de>
Source record: 204760

Hello,

On behalf of a friend I am asking about the Patcom transceiver. He had his PC1610 sent back to the manufacturer to have it upgraded to a PC16000. However, there was no response and they seem to have stopped advertizing.

73, Moritz DL5UH

3154. Re: Announsing: Technology Patent Available For Purchase

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-07 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4hmp0u$nqk@crash.microserve.net>
Source record: 204761
Cross-posted to: sci.astro.amateur,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.antenna,misc.invest.technical,misc.invest.stocks,misc.invest.funds,misc.invest.canada

"Thomas C. J. Sefranek" <sefranek@iii.net> wrote:

>Clearly a case of opportunism. Ah well Bill Gates can do it, why not
>this turkey?

Bill Gates' success year after year is NOT the result of taking undue
advantage of some helpless victim.

Perhaps opportunism is just another catch-all phrase coined so the
have-nots could better antagonize the haves?

73,
Jack WB3U

3155. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-07 00:00:00 UTC
From: stan@mutadv.com
Message-ID: <4hmsib$9l3@news-2.csn.net>
Source record: 204762

In article <313E8F7A.26DB@ro.com>, johnfarr@ro.com says...

>Sounds like an arc, not an ohmic heating.

No, John. The arc lasted millisecods, and occurred when the sagging inductor
lost contact with the roller wheel. That polymer form was cooked by IR heating
in the inductor from the extreme circulating currents in the curcuit.

Stan.
--
Stan Huntting, KF0IA
email: stan@mutadv.com
fax: 303 444 2314
KaWin home page: http://www.mutadv.com/kawin/
KaWin FTP site: ftp://ftp.csn.net/kawin
postal address: 4655 Pleasant Ridge Rd.,
Boulder, CO 80301-1731, USA

3156. Re: How do I program an ICOM U400 mobile?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-07 00:00:00 UTC
From: terry02@ibm.net
Message-ID: <4hn7n7$2kv2@news-s01.ny.us.ibm.net>
Source record: 204763

In <1996Mar3.153947.5233@lafn.org>, ab910@lafn.org (M. Davies) writes:
>
>I'm sure it's with the keys and not a RIB box, but that's all I know!
>Any ideas?

You need the ICOM programming unit that plugs into the front of the radio
or a U16 Icom HT (which CAN be keypad programmed) and a cloning cable.

3157. Re: How does a Hammarlund HQ - 180 work?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-07 00:00:00 UTC
From: cking4@ford.com
Message-ID: <4hn5mf$m30@eccdb1.pms.ford.com>
Source record: 204764
Cross-posted to: rec.radio.amateur.equipment,rec.radio.shortwave

In article <3138B410.7C10@abaco.coastalnet.com>, n2b8c6fv@abaco.coastalnet.com says...
>
>I am just getting into HAM and a friend just loaned me a
>Hammarlund HQ - 180. It's old, but it seems to work. I don't know
>how to use much of it. I did find an AM station, but there are
>sure a lot of dails and stuff.
>
>Is there anyone out there who has one that could
>let me know a little about using it.

Tuning stations in on an HQ-180 is a bit more work than on the average receiver.

The controls that you will use most often are the band selector switch (the six-position rotary in the center of the front panel, near the bottom), the main tuning knob (large knob on the left), and the antenna trimmer (small knob at the lower left corner).

The band selector and main tuning knobs are intuitive... but pay close attention to the antenna trimmer, as this can have a marked effect on received signal strength, especially if you switch to different bands using the selector. Probably the best approach is to tune to the general area that you wish to receive stations, peak the trimmer for the strongest signal -- or the most background noise if no station is present at that point on the dial -- and then go for your stations from there. When you bring one in, you can go back and fine-tune the antenna trimmer for maximum signal strength on the meter.

Also note that the notch filter needs to be off to either side of the center frequency, preferably maximum (I leave mine full counterclockwise). If you have this at zero, you're notching out whatever you are trying to tune in... :^)

Other adjustments beyond this are ancillary, such as bandspread (unless you do a lot of ham listening, then it gets used more often), selectivity (again, unless you do a lot of ham listening; I leave mine at 3Kcs 99.9% of the time). Vernier tuning does not seem to accomplish much more than the main tuning if the receiver is properly aligned. Medium AVC response seems to work best for general listening... noise limiter off for best sound... crystal calibrator is useful to see how poorly the dial tracks :^) ...

Hope this helps...

C.K.

3158. Re: When does the Foothill College Swap in Los Altos, CA, start?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-07 00:00:00 UTC
From: crisp@netcom.com
Message-ID: <crispDnwqt0.Ezo@netcom.com>
Source record: 204765
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

what is the talk-in freq?

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
"When I make a joke, no one gets hurt; when Congress makes a joke, it becomes law" -Will Rogers
-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: 2.6

mQCNAi8PXwQAAAEEANg7hVToVEnjYl+YnhmQfewdRQL3csaJONnbaFnJKutyUgPO
4sRyYuEDVfthnQVKX+0ZDtSk/EbbDHMsVxbQHkIjDlJHWUBWyCa6VUF9lt/bQXX4
SD17HgwW+A/vJbb5dEq8aFb14E4a3YCtAELb+u5uog974Zbx+pn/f3DxmL4ZAAUR
tCBSaWNoYXJkIENyaXNwIDxjcmlzcEBuZXRjb20uY29tPg==
=vQHk
-----END PGP PUBLIC KEY BLOCK-----

3159. Re: Periphex Inc-still ar

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-07 00:00:00 UTC
From: donrm@sr.hp.com
Message-ID: <4hnh2j$eb6@canyon.sr.hp.com>
Source record: 204766

Mike Morris (morris@grian.cps.altadena.ca.us) wrote:

> An old business school line is that it takes years to make a customer,
> seconds to lose one. And one lost is really 10 lost because they
> talk to each other.

I keep a note on my desk that reads:

- For every customer who complains, 26 others remain silent.

- 91% of unhappy customers will never purchase goods or services
from you again.

- The average "wronged" customers will tell eight to 16 people.

- It costs about five times as much to attract new customers as
it costs to keep old ones.

- Solve customer complaints and 82 to 95% will continue to make
purchases.

Source: Technical Assistance Research Programs, Washington, D. C.

I wonder how many people read this thread about this battery supplier???

...my opinions...
Don K6LTS
donrm@sr.hp.com

3160. HT Battery Suppliers - Who the Best?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-07 00:00:00 UTC
From: Alan Raskind <alan.raskind@trw.com>
Message-ID: <313F2F96.134B@trw.com>
Source record: 204767

I read Mike Morris' posting (and the rest of the thread) on Periphex with great interest. My experience fortunately has not been nearly that bad, but Ithink that's because I bought their batteries just after they started selling them. My batteries seemed to hold relatively well. The cases were well made, but one fit very snug and one was somewhat loose.

I guess my real question is that if Periphex doesn't want to support the amateur community, who should we go to for batteries other than the OEM HT suppliers? I personally have never bought any W&W Associates batteries because I had "heard" that their cases were NOT well made and fit was poor. Don't have any first hand knowledge on the quality of the NiCads they use or how they hold up. I am tempted to go to them instead.

So, if we hams stick together, companies that don't want to support us on righteous issues, such as factory reversed batteries, etc., we should go elsewhere.

I (and I'm sure others) would like to hear about experiences regarding other HT battery suppliers (both good and bad), starting specifically with W&W Associates.

How are their batteries?
Case quality and fit?
Life expectancy?
Nicad memory?
What about their Master Charger I that uses "delta negative voltage detection" with the custom charging "cups"?
Does it work OK?
Does this charging method help improve the life of the battery?
What about the quality of the cups and chargers themselves?

Info on any other suppliers?

I'm sure that most of us will be very interested in these postings.

Thanks, Alan, WA6AQC

3161. Re: Good set of headphones

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-07 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4hn6q3$o67@crash.microserve.net>
Source record: 204768

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>The reason for this is that restricted bandwidth electromagnetic
>transducers have high THD (5% to 10% is not uncommon), and excessive
>phase distortion, and that leads to listener fatigue.

Hi Gary,

My concern with stereo 'phones is that their lighter-weight voice coils don't seem to hold up well in communications use. Single tones stress the elements much more than music, even rock, and I've blown every pair I've ever owned working CW. Generally, the symptom is one of voice coil overheating, which causes the elements to buzz due to distortion of the coil form.

Incidentally, there's no reason why a restricted bandwidth or higher power handling transducer should automatically incur increased THD. In fact, some of the differences that provide these characteristics (like increased stiffness of the mechanical components) should improve linearity and reduce THD. This is readily apparent if one compares the specifications of a midrange speaker driver to a full-range, single-cone design.

Regarding phase shift, I would question whether this is detectable over the communications bandwidth without test equipment, regardless of the type of headphone. I think phase shift over that range is really insignificant, particularly in a small, single-diaphragm transducer.

Another thing about stereo 'phones is that the drivers themselves are necessarily heavier than limited-bandwidth versions for a given SPL and power handling capability. It's the pressure of the headband and weight of the drivers (and sometimes uncomfortable cushions) that usually wears me out, not distortion or phase shift. Compared to most cone speakers, even cheap headphones usually sound superb.

Anyway, I'm looking for a set of 'phones myself and a friend recently recommended the Yaesu YH55. They're available for less than $40.00, and according to him, they are true 8 ohm communications headphones. I'd appreciate comments if anyone here has ever used this model.

73,
Jack WB3U

3162. Re: How do I program an ICOM U400 mobile?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-07 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4hnnio$c7g@news.ccit.arizona.edu>
Source record: 204769

terry02@ibm.net writes:
>In <1996Mar3.153947.5233@lafn.org>, ab910@lafn.org (M. Davies) writes:
>>I'm sure it's with the keys and not a RIB box, but that's all I know!
>>Any ideas?
>You need the ICOM programming unit that plugs into the front of the radio
>or a U16 Icom HT (which CAN be keypad programmed) and a cloning cable.

Yes, the Icom U-400 programs using the ICOM FREQUENCY PROGRAMMER EX-494. Or you can use a ICOM CLONING CABLE OPC-138 to transfer memory contents in a IC-U16 UHF Portable to the U-400. Suggest contacting an Icom dealer. This radio should not cost more than about $15 to do. If you provide all the transmit, receive and PL info they can do it inside of 15 minutes.

Chris - N7RME

3163. Re: ARK QRP Kits

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-07 00:00:00 UTC
From: dsmessin@freenet.columbus.oh.us
Message-ID: <4hnrbh$mst@acme.freenet.columbus.oh.us>
Source record: 204770

Jim Sheffield (kb7et@usa.pipeline.com) wrote:
: Hello:
:
: Am contemplating purchasing one of the ARK QRP
: transceiver kits - the 30M model. Would appreciate
: any comments on the radio and kit. They seem to
: be rather expensive - are they worth the $$$?
:
: 73 de Jim, KB7ET
: kb7et@usa.pipeline.com
:
: "Hell is the impossibility of reason." author unknown

3164. Re: FS 2 Meter Mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-07 00:00:00 UTC
From: midgard@nycmetro.com
Message-ID: <540.6640T1073T890@nycmetro.com>
Source record: 204771

>By the way, I hope I have posted this to the right newsgroup. If not,
>please advise where I can post this!

>Thanks,

>Dwain
>N0MKB

There's a swap group too tho I doubt many would complain on yer posting here.

<tsb>
Midgard Graphics
3D Animation and Special FX for the hobbyist videographer
Email: midgard@nycmetro.com

--
Drop into #amigacafe on IRC's undernet for a chat sometime

--

<tsb>

A man of many hobby's master of none.

3165. Re: Announsing: Technology Patent Available For Purchase

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-07 00:00:00 UTC
From: frederick.mckenzie-1@kmail.ksc.nasa.gov
Message-ID: <frederick.mckenzie-1-0703961729010001@k4dii.ksc.nasa.gov>
Source record: 204772
Cross-posted to: sci.astro.amateur,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.antenna,misc.invest.technical,misc.invest.stocks,misc.invest.funds,misc.invest.canada

In article <NEWTNews.825958328.26555.Postmaster@GGHERB.MONSANTO.COM>,
gherbst@msn.com wrote:
> That's a very blatent claim you make. This patent went through with only
> one need for clarification from the PTO. Obviously know one else sought
> such a patent which is evidence by the PTO issuing me patent # 5457342.

Gaerhardt-

I think some of us have jumped to the erroneous conclusion that your
invention duplicates prior art. On the other hand, your statements do not
clearly show how it is different from prior art.

You are looking for investors to finance development of a product that on
the surface, appears to be old technology. I suggest you revise your
"sales pitch", so that it is clear that your invention is (a) new, and (b)
of commercial value. In other words, why would one want to use your
invention instead of existing spot-cooling techniques?

73, Fred, K4DII

3166. Info on Rat Shack Comp 100 Scanner

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-07 00:00:00 UTC
From: lcarpent@freenet
Message-ID: <4hlepb$ksa@brain.npiec.on.ca>
Source record: 204773

Need programming info or manual for the above scanner
Thanks

--

// Amiga Corporation!
// The Buttheads Blew IT!
\\ // Len Carpenter
\X/ (lcarpent@freenet.npiec.on.ca)
A Believer in Welland, Ontario Canada

3167. Re: Intermod Probs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-07 00:00:00 UTC
From: parf@aol.com
Message-ID: <4ho3gd$k7p@newsbf02.news.aol.com>
Source record: 204774

Our company, Par Electronics manufactures the notch filter Gary spoke of. With well over 600 in the field notching the pagers has solved all problems but 2- one was NOAA wx (we retuned his filter) the other was intermod being generated outside the radio and NO filter can solve that problem. Small bandpass filters suffer from high insertion loss (5-8 dB) this is why they require 12V so they can be bypassed during transmit w/o destruction.
Our filter features a worst case insertion loss of 0.5dB and is unique in that it is transparent at 70 cM (0.25dB loss).
Give us your snail-mail and we'll send an info packet including HP network analyzer curves.

73, Dale WA2YPY

3168. FS -- HAMMARLUND VARIABLE CAPACITORS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-07 00:00:00 UTC
From: Bill <debral@falcon.cc.ukans.edu>
Message-ID: <1996Mar7.162112.115559@kuhub.cc.ukans.edu>
Source record: 204775

HAMMARLUND AIR VARIABLE CAPACITORS

::::::::::::::::::::

TYPE APC

Compact, hi-quality variables. Isolantite base. Screwdriver
or hex-wrench adjust.

APC-25 3.0 - 25 mmf 9 available
APC-140 6.7 - 140 mmf 2 "

TYPE MAPC

Midget padding, trimming and general purpose capacitors similar
type APC but smaller. Ideal for small space applications. Gap
.0135 inch. Rotors and stators are nickle-plated brass.
Nickle-plated beryllium copper wiper contact. Tapped (4-40
thread) brass studs in Steatite base permit mounting without
grounding rotor. Tested at 600 volts rms, 60 cps. Slotted
shafts for screwdriver or hex wrench.

MAPC-75 3.9 - 75 mmf 6 available
MAPC-25 2.6 - 25 mmf 17 "

TYPE ???

Identical in size and shape to the type APC, but have military
part number. Rotors and stators are silver plated (tarnished).
Please note that capacitance ranges and values for this
particular group are APPROXIMATE, subject to the accuracy
of my RLC tester.

922-0004-00 2.5 - 30 mmf 9 available
CA-290 3.5 - 60 mmf 7 "

::::::::::::::::::::::

The are all NOS units and are in excellent condition (mil types are silver
tarnished).

$45 + shipping for the entire group (50 caps)

73s

Bill
AA4FM / 0

3169. HELP - I get dropouts when recording WAV files.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-07 00:00:00 UTC
From: rmarshal@nectar.com.au
Message-ID: <4hllej$mmr@news.mel.aone.net.au>
Source record: 204776

Hello,
Hello,

I haven't posted to this newsgroup for 4 months or so...a testament to the fact that I have had no seemingly insoluble problems...

that is, until now!

I record a song to the hard drive from my quad CD_ROM through a 16 bit sound card (Vibra-16) but when I play it back (even before compression) there are audable dropouts all the way through!

This didn't use to happen. I tried a different sound card but the problem persists. the only thing that has changed to cause this is I found the need to replace the CD-Audio cable.

Any idea's or suggerstions where to proceed would be overwhelmingly appreciated.

Thanks, Rob.

Rob Marshall,
rmarshal@nectar.com.au

3170. Re: ADMS-1 Software for FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-07 00:00:00 UTC
From: Rod Thompson <rts@mail.ro.com>
Message-ID: <4hlti4$au3@news.ro.com>
Source record: 204777

Dave Dredge <ddredge@kmg.com> wrote:
>How could they possibly tell how I programmed the radio.
>I have the Yeasu software and every time I have used it
>the radio has started doing strange things.
>
>In one case, it would no longer switch to low power.
>In another case, even though the freq showed correct in the
>display it was 5khz high in memory mode but not in vfo.
>
>I have stopped using the ADMS-1 stuff.
>
>Dave Dredge

Sorry for the problems you are having with the ADMS-1 software. From the discription of the problems that you have stated I am assuming you have an FT-51. An early version of the software did have a problem with the way the power output toggle and the splinter channel toggle was backward. If you will call (205-880-3093) or e-mail (rts@ro.com) with your address, I will send you an update program. The update program is a patch to the version you have and it must be installed for the update to work. We try to catch these things before they get sent out but sometimes things get overlooked.

1-205-880-3093

If I am not there just tell the person answering the phone that you need the update program for the FT-51. If you have a Compuserve account you can download it in the HAMNET forum.

Let me know if you have any more problems.

3171. Re: WTB Manual for Atlas 210X

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-07 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4hn01b$o67@crash.microserve.net>
Source record: 204853

Stan Witherspoon <stan@rosemail.rose.hp.com> wrote:
>I am looking for a copy of an Atlas 210X operating & Service manual
>or pointers on where I could get one. I remember a company called HI
>manuals, but I have no other info.

You could try:

Brock Publications
P.O. Box 5004
Oceanside, CA 92052
(619) 757-0372

They sell bound copies of owners/service manuals for Cubic and Swan,
maybe also for Atlas.

73,
Jack WB3U

3172. Re: Yaesu Relay - Will this work??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-07 00:00:00 UTC
From: Lester Kemble <KG1D@tiac.net>
Message-ID: <4hleak$h96@sundog.tiac.net>
Source record: 204854

Yaesu makes a relay just for this. It Yaesu FRB-757 and it only costs about $15.00. It as connections for PTT, gotund on RX or Ground on TX. It is designed to plug into the radio and use its 12v power supply.
73 de Les KG1D

3173. Re: FS 2 Meter Mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-07 00:00:00 UTC
From: djj@rocket.cc.umr.edu
Message-ID: <4hlman$sf3@hptemp1.cc.umr.edu>
Source record: 204855

The radio has been sold...Thanks to all who responded!

Fire Fighter (djj@rocket.cc.umr.edu) wrote:
: Hello...If anyone is interested, I have a 2 meter mobiel radio for sale.
: It is the Radio Shack HTX-212. I know it is not the best radio on the
: market, but it is a great starter radio. It works great and was not used
: much over a year. I have the mounting hardware and the owners manual to
: go with it. I am asking $150.00, or best offer.

: It is in great condition. Please let me know if anyone is interested.
: You can send email to djj@umr.edu

: Thanks,

: Dwain

3174. Re: Announsing: Technology Patent Available For Purchase

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-07 00:00:00 UTC
From: jfsawyer@freewave.com
Message-ID: <4hlv15$18f@news-2.csn.net>
Source record: 204856
Cross-posted to: sci.astro.amateur,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.antenna,misc.invest.technical,misc.invest.stocks,misc.invest.funds,misc.invest.canada

gherbst@msn.com wrote:
>
>> Correct you Charles.
>>
>> Gerhardt G. Herbst
>>
>Whoops...I mean correct you are Charles...
>
>Gerhardt
>

In 1982 I put a Peltier Cooler on a 8087 coprocessor in an IBM computer in an effort to speed up the clock. I had a PC board made and along with schematics and documentation. This progressed into modules for 80287's. In fact I hold the record for the highest speed attained using a 80287 in an IBM AT computer by cooling the 80287 down to -50 deg C.

I therefore have prior documented art on this invention and demand all royaties should be sent to me. <grin>

Jonathan Sawyer

FreeWave Technolgies

3175. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-07 00:00:00 UTC
From: "John D. Farr" <johnfarr@ro.com>
Message-ID: <313E8F7A.26DB@ro.com>
Source record: 204857

Stan Huntting wrote:
>
> In article <4hhei6$8o5@newsbf02.news.aol.com>, w8jitom@aol.com says...
>
> >The actual number can vary from a small fraction of a dB to a perhaps a
> >couple of dB, depending on the operating Q and the components unloaded Q,
> >and that all depends on how the operater sets the knobs and what the load
> >impedance is.
>
> Even Tom's reasoned response is conservative when he suggests that the correct
> figure could reach "a couple of dB". Let me relate a non-quantitative
> experience that illustrates how serious this loss can be.
>
> I was using a commercial tuner from a large company whose last initial is
> reputed to stand for "Junk". The tuner was rated to handle "3 KW", and has the
> attractive feature of only TWO tuning controls. I was operating rtty into a
> Hygain rotatable dipole at 80' above ground, on a frequency that was about 100
> kHz below resonance The antenna is very narrow due to its linear loading so I
> was using the tuner. Less than two minutes into a transmission there was a arc
> from the tuner and I was off the air. Examination showed that the polymer form
> that supports the roller inductor had deformed from heat and the roller
> inductor now looked like the sway back of an old nag. Needless to say, it no
> longer rolled.
>
> This is a long way from approximating a laboratory calorimeter, but the fact
> remains that what destroyed that tuner was heat, and that heat came from losses
> in the tuner circuit. Now the shocker: at the time, I was operating barefoot at
> 150 watts! To melt that form during a two minute operation at 150 watts
> suggests that the wonderful two-control design had yielded an operating point
> at which the circulating currents were outrageous! The circuit is nothing more
> than the common series-capacitance/shunt-inductance Tee-match with the addition
> of capacitors that are ganged differentially. Exactly the same operating point
> could be achieved with any other three control, Tee-match tuner.
>
> An article published in QST a while back provides some real insite into just
> how high the losses in antenna tuners can reach. It should be required reading
> for those interested in this thread. 73,
>
> Stan
> --
> Stan Huntting, KF0IA
> email: stan@mutadv.com
> fax: 303 444 2314
> KaWin home page: http://www.mutadv.com/kawin/

> KaWin FTP site: ftp://ftp.csn.net/kawin
> postal address: 4655 Pleasant Ridge Rd.,
> Boulder, CO 80301-1731, USA

Sounds like an arc, not an ohmic heating.

John KC4ZXX

3176. Re: CBs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-07 00:00:00 UTC
From: trandall@mhv.net
Message-ID: <4hnkuj$l60@over.mhv.net>
Source record: 204858

In article <4h9vsj$g2c@cloner3.netcom.com>,
Roger_A@ix.netcom.com (Roger Ashton) wrote:
>I'm lookin around for some low cost cb with a range of a couple of
>miles. Anybody got any suggestions ?
>

Better to ask on rec.radio.cb

Tom

Tom Randall Amateur Radio - KB2SMS
trandall@mhv.net Mt. Beacon Amateur Radio Club / ARRL
Member: AAVSO Solar Division

Opinions herein are mine and they are not that of MHV.NET!

3177. Where to find part?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-07 00:00:00 UTC
From: hillgen@remus.rutgers.edu
Message-ID: <4hnf2n$6p4@remus.rutgers.edu>
Source record: 204859

I need to find a TU-6 tone encoder for a Kenwood TH-21AT HT. It's an old HT and this is a small part so I'm rather doubtful that anyone has one just laying around. Any way to get something like this from Kenwood? All help appreciated!

Jay
N2OTK

3178. Re: ADMS-1 Software for FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-08 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4ho3ec$o0q@news.ccit.arizona.edu>
Source record: 204778

Les Butler <lsbutler@cris.com> writes:
>Chris Weddle wrote:
>>wd6dih@ix.netcom.com(Kevin Karamanos) writes:
>>>WARNING......
>>>If you use EZ Clone or another external software other than the
>>>recommended ADMS-1 software, you may find that your warranty is void on
>>>your FT-51R.
>>I don't get it. Yaesu DID NOT develop ADMS-1, they bought it from a small
>>company that developed it and had been selling it themselves for a
>>while. So are all the radios that were programmed using ADMS-1 before
>>Yaesu bought the software tainted in some manner? And what of all those
>>fancy HF radios on the market that can be computer controlled by various
>> Chris - N7RME
>The maker of ADMS software is RT-Systems. Since the world had swithced
>to Windows a few years ago I suppose it's not very cost effective to
>support an obsolete market. Just a thought.
>Les

RT-Systems! That's the name I forgot! I wouldn't want anyone to misread my comments - I've no hands-on knowledge of ADMS-1 and have not even seen it used. I'm sure it's a fine Windows application. And as I've remarked to the nice folk making EZ-Clone, there's Zero brand loyalty from me at this point as I've not used either product. Was just sharing what I know and spouting a few randomly occuring brilliant and insightful opinions.

>>PAUSE FOR THE LAUGHTER TO SUBSIDE<<<

Les makes a good point, and I would be surprised if he were wrong. But my problem remains that a Windows application just won't do for me. And I've received email from other folks asking about programming SW to run on other platforms (NON-DOS/WINDOWS BASED). Having just received EZ-Clone in the mail, it lists Solaris, Linux and of course DOS as supported operating systems. And I'm told they decided against offering a Windows product. So perhaps this is a product filling a small niche in the market?

>>GET OUT CAN OPENER - OPEN 50LB CAN OF WORMS<<

What I'd *REALLY* like to see is someone come out with aftermarket cables, Radio Interface Boxes and Software to program Motorola products. Yeah, I know, Motorola would sue anyone doing such a thing into oblivion no matter that their patents were not being infringed. But it'd be nice to see some way other than paying vast sums of money to program a Motorola. They make good toys, and could sell lots more to amateurs if they'd provide (or permit someone else to provide) reasonably priced programming ability. When I think of all the good deals on Motorola toys I've passed on because of this I can't help but see this as an untapped market.

Chris - N7RME

3179. Re: ft-530: Safe to use "AA" nicads with batt. case?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-08 00:00:00 UTC
From: Collier_Chun@ccm.hf.intel.com
Message-ID: <4hpi70$ioa@ornews.intel.com>
Source record: 204779

In article <4hhk1b$h6l@bcarh8ab.bnr.ca>, ddenter@bnr.ca says...
>In article <313C066E.1C53@got.net>,
> Jeff Clark <jefco@got.net> writes:
>>Does anyone have any experience with Ni-cads & the FBA-12 battery case?
>They work fine for me. The warning is there so that if they do happen
>to cause a problem, Yaesu doesn't get held responsible. There is no
>difference between using nicads in the fba-12 vs. using alkalines,
>as long as you are not charging the cells.

Besides not being fused, the big problem I run into is IxR drop across the
thirteen pressured-contacts (one at each end of each cell, plus the
one between the two halves of the case). When I tried to draw an amp
on transmit out of the pack, I discovered that the cumulative voltage
drop caused by the contact resistance dropped the pack's output
voltage by just over a volt. So while there's 7.2 volts of batteries in there,
you may only get 6 volts out unless the contact resistance is kept to
a minimum.

3180. Re: Icom IC-736 Informat/mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-08 00:00:00 UTC
From: KF5KF
Message-ID: <4hptrm$ijk@news2.realtime.net>
Source record: 204780

In article <Dnt6pL.3GB@tigger.jvnc.net>, lion@tigger.jvnc.net (Kelly Leavitt) says:
>
>Anyone have any mods, hits, tips and/or fixes available for the IC-736?
>I just purchased one, and would like to learn more about it.
>
>Reply here, or via mail to kdl@lion.com
>
>Thanks,
>73 de Kelly
>KB2SYD

Hows the noise from the speaker, even with the volume turned all the way down? Does it cover up weak signals? Does it drive you nuts with headphones on?

Mine sure does.

If you find a "fix" for that, there are plenty of others who would like to know. ICOM "Refuses" to do anything about it!!

Bob Redoutey
KF5KF
Round Rock, TX
redoutey@bga.com

3181. Re: Info on Rat Shack Comp 100 Scanner

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-08 00:00:00 UTC
From: sba3020@InfoNET.st-johns.nf.ca
Message-ID: <4hoboh$sdo@coranto.ucs.mun.ca>
Source record: 204781

Posted it on rec.radio.swap for ya.

Lennard Carpenter (lcarpent@freenet) wrote:
: Need programming info or manual for the above scanner
: Thanks

: --

: // Amiga Corporation!
: // The Buttheads Blew IT!
: \\ // Len Carpenter
: \X/ (lcarpent@freenet.npiec.on.ca)
: A Believer in Welland, Ontario Canada

3182. Re: ICOM IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-08 00:00:00 UTC
From: Bill Schaff <schaff@iiiv.tn.cornell.edu>
Message-ID: <4hpp40$kep@newsstand.cit.cornell.edu>
Source record: 204782

In article <4hpndb$die@news.cais.com> David Whitehurst,
fwhitehurst@ezdial.com writes:
>Subject: ICOM IC-706
>as anyone tried the IC706's 2M ssb & 6M ssb capabilites??

I used the 706 in the recent VHF contest on 2 and 6. As a first
experience on these bands, I had a lot of fun. Using indoor antennas, I
made a few dozen contacts, mostly within about one hundred miles. A
couple of stations were more than 250 miles away (on 2 meters). Everyone
that has heard the radio said that it sounded good.

3183. Re: WTB Manual for Atlas 210X

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-08 00:00:00 UTC
From: Jim Strohm <"Jim Strohm"@ausq1ak>
Message-ID: <4hpdpo$b8g@newsgate.sps.mot.com>
Source record: 204783

Hi Jack

I've been in email contact with Stan already, and I'm mailing him a photocopy of the Atlas 210X manual.

While I'm at it...does anybody else want a copy? And -- several years ago there was an Atlas 350 owner's group. Is there any interest for something like this for the 210/215?

Post here or email to strohm@escher.sps.mot.com
Don't use (R)eply because it'll bounce.

73
N6OTQ

3184. Alinco DJ-F1t mike

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-08 00:00:00 UTC
From: deec544@tom.fe.up.pt
Message-ID: <4hpd97$3m5@khyber.ncc.up.pt>
Source record: 204784

hello

I'm thinking of building myself a microphone & ear set for the Alinco DJ-F1t
hand-held.
Does anybody know the schematics, specialy the one for the connections to
the radio ?
If so please e-mail me.

thank's

-Fernando

.-----. Fernando Amaral
.' N `. deec544@tom.fe.up.pt
/ / \ (Portugal)
|W / E|
\ / / - Orienteering addict
`. S .'
`-----'

3185. Does anybody still use NRD59 rig control program?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-08 00:00:00 UTC
From: Hank <kb2rkx@soho.ios.com>
Message-ID: <4hpjof$b5a@news.ios.com>
Source record: 204785
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.equipment,rec.radio.amateur.misc,

Does anybody still use the NRD59 rig controle program for the Japan Radio Co NRD-525/535? And if
so, do you want to exchange ASCII databases? I'm just getting started with this program and would
appriciate any info/help received. Thanks & 73 Hank kb2rkx@weca.org

3186. ELECTRONIC TESTING EQUIPMENTS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-08 00:00:00 UTC
From: Adriano Sgarbi <adr@datas.it>
Message-ID: <31400251.30CC@datas.it>
Source record: 204786

ELECTRONIC TESTING EQUIPMENTS at

http://www.datas.it/~aea/

3187. HTX-202, HTX404 external mic mod

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-08 00:00:00 UTC
From: SJJK62A@prodigy.com
Message-ID: <4hpua4$1j5k@usenetz1.news.prodigy.com>
Source record: 204787

There is a mod to overcome the weak external mic audio problem
of the HTX-202 and 404 rigs. Check out :
http://pages.prodigy.com/CA/LA/htx202htx404/htx202htx404.html

3188. REJECTED: Ham-Equip Digest V96 #160

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-08 00:00:00 UTC
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Message-ID: <9603081739.BK00036@rtp41.rtp.dg.com>
Source record: 204788

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@ucsd.edu
To: Ham-Equip@ucsd.edu
Subject: Ham-Equip Digest V96 #160
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Fri, 8 Mar 96 Volume 96 : Issue 160

Today's Topics:
ADMS-1 Software for FT-51R
FOR SALE ICOM IC2 1/2
FOR SALE ICOM IC2 2/2
Heath SA2060(a) differences, question
How do I program an ICOM U400 mobile?
How much RF pwr does an ant tuner consume?
Info on Rat Shack Comp 100 Scanner
TT 6M Xverter Question

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 06 Mar 1996 17:30:30 -0600
From: Dave Dredge <ddredge@kmg.com>
Subject: ADMS-1 Software for FT-51R

How could they possibly tell how I programmed the radio.
I have the Yeasu software and every time I have used it
the radio has started doing strange things.

In one case, it would no longer switch to low power.
In another case, even though the freq showed correct in the
display it was 5khz high in memory mode but not in vfo.

I have stopped using the ADMS-1 stuff.

Dave Dredge

Date: Tue, 05 Mar 96 19:26:00 -0800
From: darryl.linkow@grinder.com (DARRYL LINKOW)
Subject: FOR SALE ICOM IC2 1/2

>ANYWAY I POSTED AN ICOM IC211 2 METER ALL MODE TRANCEIVER, IT HAS THE
>FOLLOWING:
>- THE UNIT IS AC AND DC
>- IT HAS THE VARIABLE COMSPEC TE-32 PL TONE ENCODER
>- AN ICRM2 REMOTE CONTROLLER KEYPAD FOR PUNCHING IN THE FREQUENCY
>- AN ICOM DESK MICROPHONE
>- OWNERS MANUAL AND SCHEMATICS FOR BOTH THE RADIO AND THE REMOTE KEYPAD
>
> IT IS IN EXCELENT CONDITION FUNCTIONALLY AND COSMETICALLY.
> I AM POSTING THIS FOR KC7KZT A FELLOW HAM THAT DOES NOT HAVE ACCESS TO
>THE NET AS WE DO. HE IS ASKING $400 FOR IT , HIS PHONE #(520)-646-5485.
>OR YOU CAN E-MAIL ME AT hc@primenet.com. AND I WILL RELAY ANY MESSAGES TO
>HIM VIA THE RADIO.

Please ask your frined KC7KZT if he might be interested in a trade
for the above radio. I can offer him $400.00 worth of the
following (might consider part cash/part trade if he can't find
$400.00 worth of gear of mine):

Motorola MT1000 HT - 146-174 Mhz. band - DTMF keypad, 16 channels,
can program the frequencies and PL's that you want - absolute
MINT CONDITION - comes with antenna & battery -- $550.00 incl shipping

HARDWARE FOR SALE
~~~~~~~~~~~~~~~~
NEW!! Adaptec AHA-3985 PCI RAID SCSI controller - FOR SALE
I have one of the above, NEW in FACTORY SHRINKWRAP. This controller
is ideal as a low-cost, high performance PCI RAID adapter for
entry-level and midrange servers. Here is more info:
n Delivers high performance through innovative multiprocessing RAID
architecture.
n Provides three independent SCSI I/O channels
n Supports multiple RAID levels 5, 1, 0, 0/1.
n Supports NetWare 3.11/3.12 and 4.x operating systems
n RAID processor to generate all RAID 5 parity operations
n SCSI command chaining to reduce host system interrupts
n Hot swap drive
n Hot standby drive
n Automatic fault notification
n User defined rebuild
n Alterable stripe width
n 133 MByte/sec DMA burst rate on PCI bus
n 30 MByte/sec synchronous data rate on the SCSI bus (3x10 MByte/sec)
~~~~~~~~~~~~~~~~

n Supports up to 21 SCSI-2 devices on three independent SCSI channels
n Comes with a complete suite of software to install, configure
and manage your Adaptec-based RAID solution:
- Adaptec RAID driver and utility software for creating and
managing array(s)
- BIOS-resident SCSISelect utility to configure the RAID adapter
- Adaptec CI/O software to manage SCSI devices on the network
n Advanced SCSI commands including scatter/gather, disconnect/reconnect
and tagged command queuing, and synchronous/asynchronous transfers
n Supports 255 simultaneous commands
n Device support for hard disk, removable, scanner, MO, CD-ROM,
tape and DAT drives
I only have one of these controllers available. It is,as stated
above, NEW IN FACTORY SHRINKWRAPPED BOX. Retail list is $799.00.
I just saw a wholesale distributor seeling this controller kit for
$639 plus shipping. That being the case, I will sell this board for
$600.00.

FLOPPY DISKETTES (all are pre-formatted MS-DOS)
~~~~~~
1.44M 32" (True HD diskettes, NOT punched out 720K) - $10.00 for 25
1.2 MEG 54" floppies ------------------------------- $5.00 for 25

OTHER STUFF!
~~~~~~~~~~~~
Accton 10BaseT Ethernet cards - 2 cards with manual.... $45.00
Texas Instruments 4MB RAM module for all TravelMate
4000M notebook computers - NEW IN BOX.................. $200.00

Everex Magic 16 card - 16-bit memory card w/1.6 MEG RAM
(can go up to 2 MEG RAM), parallel port, game port,
2 serial ports (plug-in UARTS, one 16450, one 16550)
factory box, diagnostics software, reg. card........... $125.00
AT I/O card with 2 serial, 1 parallel, 1 game port...... $15.00
I/O card with 2 serial ports $10.00
IBM Micro Channel 16/4 Token Ring board (16F1144)....... $50.00
IBM Token Ring card to MAU cables (2 available)......... $10.00 ea.
MiniScribe 3425P - spins, but has unkown problem........ $5.00
XT Case w/ 135 Watt power supply - good, clean.......... $35.00
Genuine IBM PC/XT keyboard w/83 keys, plexi dust cover... $30.00
Genuine IBM AT keyboard w/10 Function keys on left side.. $40.00
Texas Instruments Appletalk/RS-232 port for microLaser... $40.00
Practical Peripherals Microbuffer In-Line w/256K RAM.... $100.00
RS232 Gender Changer Male/Male.......................... $10.00
Kensington Universal Printer Stand...................... $10.00
Chatsworth Data mark sense card reader w/serial cable... $100.00

1 - 80286-6 CPU (square PGA form) --- $3.00
4 pcs - CY7C185-25PC (8Kx8) static RAM, 25 ns. - $2.50 each
2764 EPROMs - $1.75 each
8 pcs - MB8416A-15L STATIC ram CHIPS - $2.00 ea.

Craig 2623 portable audio cassette recorder/player with Ni-Cad
batteries and charger.....$20.00

3 Sony ECM-50 lavalier microphones.....$100.00 each

KLOSS Video projector & screen - 62" foot diagonal screen,
rebuilt projection tubes..$1500.00 incl. Fed Ex shipping

Nagra 4.2 - excellent condition, this machine is loaded: 7" lid,
ALC, QFM, resolver, etc.....$3500.00 OBO

2 Vega 66/77 radio mics (good old non-Dynex!).....$600.00 each

1 Vega 66/77 radio mic (Dynex).....$650.00

1 ASC digital bloop lite, good condition.....$150.00

Sony Color Watchman - Model FDL-310 - For Sale
Comes complete with original factory box, instruction manual,
warranty card, AC adapter, etc. Runs on AC or internal AA
batteries. Has Color LCD screen. Also has audio/video input
jack. $200.00 including shipping.

Sony 12" color portable - good condition - $125.00

SOFTWARE FOR SALE
~~~~~~~~~~~~~~~~
NEW STUFF:
386MAX - Version 7.01 (latest version) w/box, manual,
registration card 32" diskette, etc..... $60.00

Microsoft Flight Simulator - Version 5.0a - w/box,
manuals, 32" diskettes, registration card, etc..... $30.00

PC 911 - Automatic rescue utility for your PC -
from CyberMedia- 32" disk, in shrinkwrap..... $30.00

OPERATING SYSTEMS:
Novell NetWare 4.02 - 22 user - CD ROM, all manuals,
disks, factory box, registration card, etc.- REDUCED!! $795.00
IBM PC-DOS 3.30 w/32" & 54" diskettes, manual, etc..... $25.00
Altos XENIX - for old 586 & 986 machines.....$100.00

WORD PROCESSING:
Easy Extra from WordStar..... $10.00
Express Letter Processor from Mirage Concepts..... $3.00
Wordfinder - electronic thesaurus..... $5.00
WordMARC..... $10.00
>>> Continued to next message
---
* OLX 2.2 * Darryl Linkow (818)346-5278 9 am - 5 pm PST

Date: Tue, 05 Mar 96 19:26:00 -0800
From: darryl.linkow@grinder.com (DARRYL LINKOW)
~~~~~~~~~~~~~~~~

Subject: FOR SALE ICOM IC2 2/2

>>> Continued from previous message
DESKTOP PUBLISHING, GRAPHICS & FORM PUBLISHERS:
Laserware, The Resident Publisher - by SWFTE,w/reg card $5.00
Microsoft Paintbrush - 54" disks, manual, etc..... $5.00
FormGen Plus - Form Design System..... $7.50
Draw Applause - presentation graphics from Ashton-Tate. $10.00
Desktop Publishers Graphics - from IMSI..... $10.00
Diagraph/500- business graphics software..... $10.00

BUSINESS & UTILITY PROGRAMS:

Investment Manager - from IMSI...w/reg.card, manual..... $15.00
Carbon Copy 3.0 for DOS..... $5.00
Adaptec EZ-SCSI for DOS/Windows - V3.11..... $35.00
Fastback Plus - V6.0 for DOS..... $35.00
Sytos Plus - backup software for DOS..... $50.00
R Office Manager - "Desktop Package"- like Sidekick..... $2.00
Quick Link II - modem/communications software..... $3.00
infoscope - database from Microstuf..... $10.00
Goal Solutions by Enfin-Lotus 1-2-3 goal seeking pop-up $15.00
Power Panel - DOS Shell & Utility - from Mouse Systems. $15.00
Cocoon - great recovery program that let's you easily restore
work sessions after power failures, human errors, etc. $18.00
Computer Associates Order Entry - V4.1 demo unit..... $20.00
Computer Associates Inventory Control & Analaysis
V4.1 demo unit - still in factory shrink-wrap.... $20.00
Compucard by Rolodex - Rolodex card filing software.... $20.00
The Spreadsheet Auditor 3.0 - in factory shrinkwrap.... $20.00
Hold Everything - RAM resident info mgr by DacEasy..... $20.00
Smart Notes - like 3M Post-it Notes for a computer!.... $20.00

OS/2 STUFF! I don't use OS/2, so make make a REASONABLE OFFER
on some or ALL of this stuff and I probably let it go! But I
did say REASONABLE! <GRIN>!!! I need to make room in my garage,
so I am VERY OPEN to a REASONABLE OFFER for the ENTIRE LOT:

"OS/2 Presentation Manager Programming for COBOL Programmers" -
published by QED Publishing Group - This book gives you the
techniques and skills you will need to creat business
applications using OS/2 2.X PM. It includes a diskette
containing source code, object code, executable code, SQL,
transaction input and output files, resource and icon files -
everything covered in the book! It is still wrapped in the
factory shrink-wrap and is worth over $50.00, but I'll let it go
for just $30.00, including shipping!

"Introduction to OS/2 - Mentor Notes" - published by Mentor
Technology, still in the factory shrinkwrap - includes book,
diskettes and audio cassette. - $39.95 list - sell for $25.00
including shipping.

"OS/2 In The Fast Lane" - new book - $14.95 list - sell for
$10.00 including shipping.

"10 Minute Guide to OS/2" - new book - 10.95 list - sell for
$7.50 including shipping

"OS/2 the Workplace Shell" - new book - $24.95 list -
will sell for $15.00 including shipping

"OS/2 In The Corporate Environment" - new book - $22 list -
will sell for just $7.50 including shipping!!

OS/2 magazines - 4 different issues - each sell for $6.00,
but you can have all 4 of them for just $12.00 incl shipping.

WINDOWS SOFTWARE!!!!!!

Digiphone - Internet digital phone system system - talk
over the Internet! - includes CD-ROM & 3.5"
diskette ------------------------------------ $35.00 + $5.00 Ship.

Qmodem Pro for Windows 95 - V2.0 - new in box! $75.00 + $5.00 Ship.

Procomm Plus for Windows V2.0 - still in shrinkwrap!
$75.00 + $5.00 Ship.

Qmodem Pro for Windows V1.11 - new in box! $60.00 + $5.00 Ship.

Adaptec EZ-SCSI for DOS/Windows - V3.11 ---$35.00 + $5.00 Ship.

Claris Information Source CD - includes complete
Windows version of FileMaker Pro --------- $20.00 + $5.00 Ship.

WordPerfect Office for Windows - Version 4.0 -
complete with all manuals, 32" diskettes -
Integrated electronic mail, calendar, scheduling
and task management software ------------ $20.00 + $5.00 Ship.

WordPerfect Informs - Version 1.0 - Designer & Filler
manuals & 32" diskettes ---------------- $20.00 + $5.00 Ship.

WordPerfect Informs - Version 1.0a - Designer & Filler
manuals & 32" diskettes ---------------- $30.00 + $5.00 Ship.

FormWorx for Windows V2.0 - great forms program from
Power Up! Software - both sizes diskettes, all manuals,
factory box, registration card, etc.------- $50.00 + $5.00 Ship.

DeLorme Map'n'Go - CD ROM with Atlas, box, manual,
registration card, etc. ------------------- $30.00 + $5.00 Ship.

Aldus Pagemaker 5.0 - complete with all manuals,
32" disks, etc. --------------------------- $195.00 + $10 Ship.

It's Legal for Windows - 3.5" disks, manual --$20.00 + $5 Ship.

2-DO - The Personal Task Manager - the ultimate
Dayrunner and Personal Information Manager (PIM),
3.5" disk, factory sealed box---------- $10.00 + $3 Ship.

2 copies - Trivial Pursuit Daily Planner - Genus Edition -
from amaze!nc - 32" diskette ---------- $5.00 each, incl ship.

WANTED: In Trade for some of above
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
PCI Bus VGA card
PCI Bus SCSI card
16-bit sound card
6 Meter mobile antenna (vertical or halo)
6 Meter mobile rig (all-mode or FM only...tell me what you have!)
2 Meter All-Mode radio
10 Meter All-Mode radio
Motorola HT-600, P-200, or MT1000 walkie-talkies
Must be 5 Watt, HT-600 and P-200 must have 6 channels & 157-174
Mhz bandsplit, MT1000 must have 16 channels and 146-174 Mhz
bandsplit.

Above prices do not include shipping. If interested, leave
message here, or private Internet Email, or call.
Darryl Linkow - KE6IHA
(818) 346-5278 9 am - 5 pm PST

Internet: darryl.linkow@grinder.com

---
* OLX 2.2 * Darryl Linkow (818)346-5278 9 am - 5 pm PST

Date: 7 Mar 1996 00:04:25 GMT
From: wx8l@vtc.tacom.army.mil (Sean McCarthy)
Subject: Heath SA2060(a) differences, question

Hi,

Can anyone tell me the differences between the Heath SA-2060 and
the SA-2060A?

Thanks,
Sean

Date: 7 Mar 1996 22:22:16 GMT
From: cweddle@astro.as.arizona.edu (Chris Weddle)
Subject: How do I program an ICOM U400 mobile?

terry02@ibm.net writes:
>In <1996Mar3.153947.5233@lafn.org>, ab910@lafn.org (M. Davies) writes:
>>I'm sure it's with the keys and not a RIB box, but that's all I know!
>>Any ideas?
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

>You need the ICOM programming unit that plugs into the front of the radio
>or a U16 Icom HT (which CAN be keypad programmed) and a cloning cable.

Yes, the Icom U-400 programs using the ICOM FREQUENCY PROGRAMMER EX-494. Or you can use a ICOM CLONING CABLE OPC-138 to transfer memory contents in a IC-U16 UHF Portable to the U-400. Suggest contacting an Icom dealer. This radio should not cost more than about $15 to do. If you provide all the transmit, receive and PL info they can do it inside of 15 minutes.

Chris - N7RME

Date: 7 Mar 1996 14:41:15 GMT
From: stan@mutadv.com (Stan Huntting)
Subject: How much RF pwr does an ant tuner consume?

In article <313E8F7A.26DB@ro.com>, johnfarr@ro.com says...

>Sounds like an arc, not an ohmic heating.

No, John. The arc lasted millisecods, and occurred when the sagging
inductor
lost contact with the roller wheel. That polymer form was cooked by IR
heating
in the inductor from the extreme circulating currents in the curcuit.

Stan.
--
Stan Huntting, KF0IA
email: stan@mutadv.com
fax: 303 444 2314
KaWin home page: http://www.mutadv.com/kawin/
KaWin FTP site: ftp://ftp.csn.net/kawin
postal address: 4655 Pleasant Ridge Rd.,
Boulder, CO 80301-1731, USA

Date: 7 Mar 1996 01:39:55 GMT
From: lcarpent@freenet.UCSD.EDU (Lennard Carpenter)
Subject: Info on Rat Shack Comp 100 Scanner

Need programming info or manual for the above scanner
Thanks

--

// Amiga Corporation!
// The Buttheads Blew IT!
\\ // Len Carpenter
\X/ (lcarpent@freenet.npiec.on.ca)
A Believer in Welland, Ontario Canada

Date: 6 Mar 1996 22:31:08 -0500
From: parf@aol.com (Parf)
Subject: TT 6M Xverter Question

The TT can use built in T pads to absorb more power if the rig runs 10 or so. I've heard a number on the air and they sound fabulous. They do however use a 20M IF which is unusual but avoids more complex output filtering to get rid of spurs.
73, Dale WA2YPY

End of Ham-Equip Digest V96 #160
****

3189. Re: Uniden HR2600 mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-08 00:00:00 UTC
From: Bob Archer N4ECO <Bob.Archer@columbiaSC.ncr.com>
Message-ID: <DnyGzp.Gvv@ncrcae.ColumbiaSC.ATTGIS.COM>
Source record: 204789

Ron,
I've been looking for it for some time now. I've had several responses but none from anyone who has actually done a HR2600 or has one that will go to 11 meters. Also, I've never been able to get a satisfactory answer from an outfit called "Chipswitch". They just want my money first. My HR2600 processor chip is not at all like the one in a HR2510.
Good Luck..

>==========RH, 3/6/96==========
>
>Looking for mod for Uniden HR2600 to open up 11m band.
> Thanks Ron
>

Bob Archer N4ECO

3190. (none)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-08 00:00:00 UTC
From: /PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/@safe.ia.GOV
Message-ID: <199603081931.NAA17527@outpost.safe.ia.gov>
Source record: 204790

```
>From /PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/ Fri Mar 8 13:30:47 CST
1996 remote from osiint.safe.ia.gov
Date: 08 Mar 1996 13:26:14 -0600
X400-Trace: US*ATTMAIL*IADPS
arrival 08 Mar 1996 13:26:14 -0600
action Relayed
From: /PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/@osiint.safe.ia.gov
To: "/RFC-822=Ham-Equip(a)UCSD.EDU/OU=OSI-INTERNET/O=WALLACE/PRMD=IADPS/ADMD=ATTMAIL/C=US/
"@osiint.safe.ia.gov
In-Reply-To: <"\"/RFC-822=199603081729.JAA06863(a)mail.ucsd.edu/OU=OSI-INTERNET/O=WALLACE/
PRMD=IADPS/ADMD=ATTMAIL/C=US/\""@osiint.safe.ia.gov>
Subject: Alinco DJ 160 How to fix?
Importance: normal
Autoforwarded: FALSE
Message-Id: <werl0308132359aa*/PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/@
osiint.safe.ia.gov>
P1-Message-Id: US*ATTMAIL*IADPS;IDPS3550 werl0308132359aa
UA-Content-Id: werl0308132359aa
P1-Content-Type: P2
Priority: normal
Received: from osiint.safe.ia.gov by iadpshub.safe.ia.gov; Fri, 8 Mar 1996 13:30 CST
Content-Type: text
Content-Length: 532

Hello all, I have an Alinco DJ 160 HT rugged unit, until lately. I think it
either got a power surge or something similar thru the mic connection.
I had it wired up for use as the shack 2m radio.

When I turn the HT on it is in VFO, at the default frq of 145.000 and xmit is stuck on. No
matter what I do it won't NOT xmit. Also I can't change frqs at all. I hate to Deep 6 the
thing it has been vry dependable till this episode. Any help appreciated.

Scott
werling@safe.ia.gov OR scott@ia.net
```

3191. Re: BEWARE OF DEALING WITH DERRICK HALL, SEAT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-08 00:00:00 UTC
From: commins@atl.mindspring.com
Message-ID: <3140afb5.2535283@news.atl.mindspring.com>
Source record: 204791
Cross-posted to:
rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,alt.radio.scanner

jharper@bs2000.com (Jack Harper) wrote:

>In article <4hnu68$fd3@nntp.igs.net>, durhamradio@osha.igs.net wrote:
>
>> jd@acca.nmsu.edu (jd) wrote:
>>
>> >Everyknee wrote:
>> >: I'm sorry to hear of your bad experience with Derrick Hall.
>> >:
>> >: I've always wondered how to buy expensive stuff from private parties I've
>> >: never met.
...

>> >Ship it C.O.D. with a stipulation of "cash only" on the receipt. That
>> >way the buyer doesn't pay until he gets the goods, and the seller knows
>> >his property will not be delivered in exchange for a rubber check.
>>
>> What happens if the sender simply packages up couple of bricks in a
>> nice box?
>
>Its called Mail Fraud -- a federal crime...
>

Ah but the USPS won't let you stipulate "cash only" or "certified
funds" like UPS and can it still be considered Mail Fraud if the US
Mail didn't even touch the package?

Drew

Drew Commins | They can have my banjo when
Windswept Photo Services | they pry my cold, dead,
e-mail: commins@mindspring.com | pick-clad fingers from it.

3192. Interface

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-08 00:00:00 UTC
From: tguyer@ix.netcom.com
Message-ID: <4hq931$6ru@cloner3.netcom.com>
Source record: 204792

I would like to home brew an RS232 to TTL interface
for my Kenwood TS850sat. Could someone help me out with a
circuit? Thank you Tom WB2ENV

3193. Alinco DJ-G5T mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-08 00:00:00 UTC
From: Gordon Lee <Gordon.Lee@ElSegundoCA.ATTGIS.COM>
Message-ID: <4hqeeg$ggr@rap.SanDiegoCA.ATTGIS.COM>
Source record: 204793

Does nay one know if there are any mods available for this radio?

Gordon Lee, KF6AWW
Gordon.Lee@elsegundoca.attgis.com

3194. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-08 00:00:00 UTC
From: Cecil Moore <cmoore@sedona.intel.com>
Message-ID: <4hqgmi$12qe@chnews.ch.intel.com>
Source record: 204794

jackl@pinetree.microserve.com (WB3U) wrote:
> w8jitom@aol.com (W8JI Tom) wrote:
>
>>Tuners have yet to catch up with the times.
>
>Sure they have. This is the era of disposable junk. Most
>manufacturers have already adapted. :) 73, Jack WB3U

Hi guys, I've acquired two rotary inductors, two hi-voltage caps, and a 10p-5t hi-voltage ceramic switch. Two configurations are obvious for a balanced tuner - coils in series and caps in parallel and visa versa. That leaves me 3 more positions - any suggestions?

73, Cecil, KG7BK, OOTC (not speaking for my employer)

3195. Opinions Wtd. on Kenwood R-300

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-08 00:00:00 UTC
From: doragsda@oboe.calpoly.edu
Message-ID: <4hq1rm$9d5@isnews.csc.calpoly.edu>
Source record: 204795

I'm looking at buying a Kenwood R-300 general coverage receiver. It is in mint condition. Does anyone have any experience with this receiver? Any typical problem areas? Was it generally a good receiver for its day, or a dog? Any help or opinions would be appreciated. Thanks.

3196. Help Yeasu

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-08 00:00:00 UTC
From: James Weber <munga@quicklink.com>
Message-ID: <4hq2na$s18@news.quicklink.com>
Source record: 204796

My son is a new ham and I would like to buy him a radio. I can get a
Yeasu FT-101EX or a new Yeasu FT840. Which is the better radio, and why?

3197. Info about Alinco 610 mods!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-08 00:00:00 UTC
From: David Mclean <dmclean@dfw.net>
Message-ID: <313FF107.C99@dfw.net>
Source record: 204797

Hello all:

I was wandering about two things about thw mods for the alinco 610.
First will they Void the Warenty. Second Will the Alinco 610 recive 800mhz.
If so how would I change the band to 800mhz. Thanks for the help!
--
David Mclean
From The World of Hamradio
KC5NNV is Clear!

[Dfw-Hams]
Http://www.dfw.net/~dmclean

3198. Swap Drakes? 1824-R8A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-08 00:00:00 UTC
From: jbeckett@servtech.com
Message-ID: <313fba88.4583139@news.servtech.com>
Source record: 204798

Have Drake 1824 TVRO system- Orbitron SX10, C and Ku, nifty 5.5'
ground mount. No VCII. Want Drake R8A. Antenna must be picked up.
All manuals, remotes, original "box".
Jim

KD2KU
Corning, NY

3199. Re: HT Battery Suppliers - Who the Best?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-08 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4hpdiu$qjc@mksrv1.dseg.ti.com>
Source record: 204799

I am very happy with the battery packs I've bought from both Periphex and W&W Associates. Never had any trouble with any of them. As for the W&W packs being physically inferior to the original, I have not seen this. The pack I bought for my Alinco DJ-F1Th is every bit as sturdy as the original Alinco pack, which is saying something (modern Alinco HTs are built astonishingly well). I've used W&W and Periphex packs on my older Kenwood HTs in the past and had no complaints what-so-ever.

FWIW ... YMMV ... 73 de KC5NG

3200. Re: Yaesu FRB-757 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-08 00:00:00 UTC
From: dnorris@k7no.com
Message-ID: <4ho6e9$45n@news.syspac.com>
Source record: 204800

rval58@aol.com (Rval58) wrote:

>Can someone decribe the relay box FRB 757 and it's hook-up?
>Thanks much

The FRB has 2 cables coming out with RCA plug attached. The red goes to 12 (13.5) volts and the blue goes to ur PTT. In addition, there is a RCA jack on the side the 2 cables exit from and it is also PTT. The two RCA jacks on the other side are Normally closed (on the left when the top is facing you with the connectors aimed down) and normally open on the right.

If u have other questions, send me e-mail.

73/DX

cdn

C. Dean Norris
Amateur Radio Station K7NO
e-mail to dnorris@k7no.com

3201. Re: HTX-242?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-08 00:00:00 UTC
From: jrw4@ix.netcom.com
Message-ID: <4hojfo$dun@reader2.ix.netcom.com>
Source record: 204801

In article <313e4ea4.58933691@news.primenet.com>, mitch@primenet.com wrote:
>jrw4@ix.netcom.com (JRW) wrote:
>
>>Anybody know anything about the HTX-242?
>>
>>-JRW4
>There is an HTX-202 but no HTX-242.
There is now. Cat # 19-1126.

3202. Re: Radio Shack TRC-512 to 6M?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-08 00:00:00 UTC
From: Bill Crocker <billc@mail.rust.net>
Message-ID: <313FB273.3D57@mail.rust.net>
Source record: 204802

Rob Neff wrote:
>
> Hello all.
> I just picked up a RS TRC-512 49Mhz 5 Channel radio. I wanted to see
> if I could get it to go up on 6 M. Well, I was impressed with what I
> was inside the rig. Dual conversion 10.7/455Khz, and PLL controlled.
> I have played around with the BCD setting of the PLL but can only get
> it to go to 49.970.

Rob:

I remember reading an article about doing just that with an earlier model of the single channel unit. It was in one of the shortwave/HAM magazines...about ten years ago.

I realize this isn't much help, except maybe to keep you motivated! :)
Possibly someone else will recall the article, or has done it themselves.

Good luck, Bill Crocker

3203. Re: Periphex , W&W Assoc.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-08 00:00:00 UTC
From: mitch@primenet.com
Message-ID: <3141060d.62559962@news.primenet.com>
Source record: 204803

Steve Dworkin <n2mdq@li.net> wrote:

>
>> I (and I'm sure others) would like to hear about experiences regarding
>> other HT battery suppliers (both good and bad), starting specifically
>> with W&W Associates.
>>
>> How are their batteries?
>> Case quality and fit?
>> Life expectancy?
>> Nicad memory?
>> What about their Master Charger I that uses "delta negative voltage
>> detection" with the custom charging "cups"?
>> Does it work OK?
>> Does this charging method help improve the life of the battery?
>> What about the quality of the cups and chargers themselves?
>>
>> Info on any other suppliers?
>>
>> I'm sure that most of us will be very interested in these postings.
>>
>> Thanks, Alan, WA6AQC
>
>Alan:
>
>I'm starting to think they are all the same. I have a W&W battery
>that I dropped off with them last week with the request that the
>tech look at it and tell me what I was doing wrong that caused the
>premature death of the battery pack. They never called. A week
>later I called and was told that they left a message (first problem)
>and that the answer was "Its over 2 years old and not under warranty."
>I proceeded to explain that I wasn't looking for anything for free,
>but rather some info so that I could buy another and not do the
>same thing. Answer: "Its not under warranty."
>
>I followed up with a request that they split the case (so that
>I could replace the bad cells). They said "We can't do that."
>
>Needless to say... My expereince is no better than the gent that
>spoke about Periphex. So be it.
>
>Steve Dworkin, N2MDQ
>n2mdq@li.net

Steve & Alan,
I have used both Periphex and W&W batteries. I prefer W&W because of their better selection of high quality packs, also higher capacity. You get good and bad with ALL vendors. I personally have had no problems with either of the above.
Another battery vendor worth checking is Alexander Batteries. You will see their adds in CQ and QST.

73
Bill (N0EVG)

3204. SX-140 Hallifcrafters WANTED

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-08 00:00:00 UTC
From: DKight@gnn.com
Message-ID: <4hr5n6$3ab@news-e2c.gnn.com>
Source record: 204804

Looking for a perfect condition SX-140 receiver

3205. how much is a Collins KWM2 worth?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-09 00:00:00 UTC
From: sld@nikodyne.com
Message-ID: <4hrb88$75@alterdial.UU.NET>
Source record: 204710

i'm a collector of antique technology and have an opportunity
to buy a beautiful old radio from the original owner. This
thing is called a KWM2 transceiver made by Collins Radio.
He wants a couple of hundred for it because he says it still
works well and i'm trying to decide if it's worth that. any
help would be greatly appreciated.
--
Steve Davis ..... telephone: (770) 345 2141 .....
Nikodyne Technologies ..... fax: (404) 223-1449 .....
1524 Adobe Trail ..... email: sld@nikodyne.com .....
Canton, Georgia 30314 ..... http://tiberius.auc.edu/~sld .

3206. Re: how much is a Collins KWM2 worth?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-09 00:00:00 UTC
From: Gene Shablygin <Gene@JetISI.Com>
Message-ID: <NEWTNews.826365449.6427.gene@jetisi.com>
Source record: 204711

> i'm a collector of antique technology and have an opportunity
> to buy a beautiful old radio from the original owner. This
> thing is called a KWM2 transceiver made by Collins Radio.
> He wants a couple of hundred for it because he says it still
> works well and i'm trying to decide if it's worth that. any
> help would be greatly appreciated.
> --
> Steve Davis ..... telephone: (770) 345 2141 .....
> Nikodyne Technologies ..... fax: (404) 223-1449 .....
> 1524 Adobe Trail ..... email: sld@nikodyne.com .....
> Canton, Georgia 30314 ..... http://tiberius.auc.edu/~sld .
>

If it is in good shape, it should worth more than $200! Today the
average proce for KWM2 is about $300-400 (depending on options, age
and condition).

You will hardly find one cheaper, so go for it!

Gene

3207. Re: Mail Fraud (Was: BEWARE OF DEALING WITH DERRICK HALL, SEAT...)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-09 00:00:00 UTC
From: w5robert@blkbox.com
Message-ID: <4hr5qi$r9l@news.blkbox.com>
Source record: 204712
Cross-posted to:
rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,alt.radio.scanner

Distribution:

Dwayne S. Byrd (dsbyrd@syncentral.com) wrote:
: commins@atl.mindspring.com (Drew Commins) wrote:

: >jharper@bs2000.com (Jack Harper) wrote:

: >>Its called Mail Fraud -- a federal crime...
: >>

When I was taken by a ham on Long Island last year, I can tell you that yes you can write and get the Post Office involved. You get a nice form letter from them and bottom line a few hundred lost via US Mail ain't big enough to make their list and don't expect any action. They won't even call or write the guy. 73 Robert

3208. Trade wide band receiver for dualband handheld.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-09 00:00:00 UTC
From: sba3020@InfoNET.st-johns.nf.ca
Message-ID: <4hs86l$sd0@coranto.ucs.mun.ca>
Source record: 204713

Trade a ICOM IC-R1 wide-band multimode transceiver for a Dual band handheld transceiver. The ICOM R1 covers 100 kHz to 1300 MHz, selectable tuning steps from 500 Hz to 50 kHz, AM/FM/Wide-FM modes, and built in 24 hour clock all in a palm size receiver. Smallest wide-band receiver made and comes with lots of bells and wistles. Uses some of the same technology/features as in the ICOM R7000 like auto memory write on search, five scanning types, and frequency skip functions.

3209. Re: how much is a Collins KWM2 worth?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-09 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar9.174244.879@ke4zv.atl.ga.us>
Source record: 204714

In article <4hrb88$75@alterdial.UU.NET> sld@nikodyne.com (Steve Davis) writes:
>i'm a collector of antique technology and have an opportunity
>to buy a beautiful old radio from the original owner. This
>thing is called a KWM2 transceiver made by Collins Radio.
>He wants a couple of hundred for it because he says it still
>works well and i'm trying to decide if it's worth that. any
>help would be greatly appreciated.

<snicker> A working KWM-2 for $200? Naw, you don't want it, but could
you send me the fellow's telephone number? :-)

Gary

--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3210. Internet Remote HF Control

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-09 00:00:00 UTC
From: KMAGLOUGHLIN@delphi.com
Message-ID: <4hs9q7$egp@news1.delphi.com>
Source record: 204715

Quoting davidc from a message in rec.radio.amateur.equipment
>From: davidc@scoot.NETis.COM (David, Michaela & Benjamin)
>Newsgroups: rec.radio.amateur.equipment
>Subject: Internet Remote HF Control
>Date: 9 Mar 96 00:43:36 GMT
>Organization: ucsd usenet gateway
>Lines: 30
>Message-ID: <01BB0D28.D3409AA0@dns.netis.com.198.186.186.2>
>NNTP-Posting-Host: mail.ucsd.edu
>Originator: daemon@ucsd.edu
>Ok you incredibly creative Hams out there, help me solve this one!
>Since I moved, our Club station is too far away for a price-reasonable =
>phone link, and touch-and-go for a 440 link, so ... how about the =
>Internet?
>The Club site is many times superior to my home site and I need a more =
>reliable station QTH for missionary & emergency skeds & activities.
>My home QTH is too low for a UHF or microwave link, though I could =
>arrange a phone connect to another ham's hilltop QTH and a radio link =
>from there ... but that seems too "old-tech".
>If we can make a voice call and transfer digital data at the same time =
>over the Internet, why can't I use the digital channel for control
>info = & still do the voice?
>I have no idea what sort of Internet account the Club station would =
>need, but I'm sure we could find a way to do it ... I assume a Web site.
>Sure, the voice won't be studio quality, but it should be
>communication = quality.
>The cable system and other methods are promising huge bandwidth access =
>real soon.
>Someone please surprise me and tell me it has already been done, and
>how = ... or that you are in the process of setting up such a link
>now. = Help!
>73, David AA1FA
>.

You have got to be kidding. This type of thing is exactly why the net is getting congested. Why are you involving hundreds of thousands of dollars thousands of dollars of others investments and running up costs for other users when a scheme could be developed to control over phone line? It sounds to me like you need to get a couple of ISDN phone lines put in, one at your station and the other at the radio site. Then using a Motorola bitsurfer modem, you split out the two B channels to have one be used for audio and the other for remote control. I would think most newer hf radios have a computer interface on them which would allow connection and remote control by a RS232 connection. Interface and connect the hf radio to the

modem. At your house reverse the process and connect the bitsurfer to your computer. (Hopefully) Presto! remote control via ISDN.

Now for the voice channel. Get a tone remote adapter that is intended to convert a non tone remote base station to tone remote. Cetek Vega makes one or go hijack a control shelf out of a GE Mastr Pro. The pro shelf will need a twelve and a ten volt source. Connect the hf radio to the tone remote adapter or control shelf and start setting up your levels. Also you will need a tone remote to activate the transmitter from your shack location. I recommend a Motorola T1600 series. Nice remote gives you a lot of options. You can even send F1 to F4 though it to make the other end do different things, if so equipped.

Connecting a T1600 to a phone line is no big trick. I would recommend a repeater coil to properly seize and balance the line. Use that on the other port of the bitsurfer to get to the other B channel. What would be really cool would be to have a hears remote unit, one with a dial on it so you could dial directly from the remote and not involve another telephone.

Now, back at the hf site, you will need to develop a circuit for the tone remote adapter so it will answer the phone when it sees ringing. This will be pretty much the same idea for interface as at the home station. Repeat coil with a relay to seize the line. I would suggest a timing circuit that would bridge across the ptt output of the remote adapter to drop the connection if a timeout period is exceeded. That just means you will have to key the mic every ten minutes or something to keep the connection up.

I realize I have not given a detailed solution to your problem, so it's up to you to do the homework. I have done something like this for a remote base station in another state where I can dial in and talk on several local repeaters. I just use my tone remote and touchtones to change channels on a preprogrammed radio. On the other hand, I am not using ISDN, but just a standard voice grade circuit.

To tie up internet bandwidth for an application like this is just plain silly. I think it ranks right up there with broadcasting baseball games and radio stations putting their program material out on the net 24 hours a day.

What really makes me crazy is when I see the spots on the network news where a teacher is shown saying to her class of elementry school kids, "Today, class, we will use the internet to search for information on ..."

Yo, teach. Is there not a room down the hall, a big room full of shelves and (shudder) BOOKS? Have we forgotten how to use the card catalog? Fine. Maybe the desired books are not on the shelf. What about CDROM? How many reference books can be put on a shelf in CDROM form? Why are these people wasting bandwidth when there are better ways to get the information they need without adding to the costs others pay?

I hope this whole internet hype and I stress HYPE dies quickly. It's like using a screwdriver to change a tire. A useful tool, but not the one for the job.

I have gone on here for an extra half page. Sorry for the wasted bandwidth, but I had to let some steam out. At least this only amounts to less than 1k or so.

Kevin KA0JQO

The only that remains the same is change. - Melissa Etheredge

3211. Re: BEWARE OF DEALING WITH DERRICK HALL, SEAT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-09 00:00:00 UTC
From: jharper@bs2000.com
Message-ID: <jharper-0903961707370001@p28.denver1.dialup.csn.net>
Source record: 204716
Cross-posted to:
rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,alt.radio.scanner

In article <3140afb5.2535283@news.atl.mindspring.com>,
commins@atl.mindspring.com wrote:

> jharper@bs2000.com (Jack Harper) wrote:
>
> >In article <4hnu68$fd3@nntp.igs.net>, durhamradio@osha.igs.net wrote:
> >
> >> jd@acca.nmsu.edu (jd) wrote:
> >>
> >> >Everyknee wrote:
> >> >: I'm sorry to hear of your bad experience with Derrick Hall.
> >> >:
> >> >: I've always wondered how to buy expensive stuff from private
parties I've
> >> >: never met.
> ...
>
> >> >Ship it C.O.D. with a stipulation of "cash only" on the receipt. That
> >> >way the buyer doesn't pay until he gets the goods, and the seller knows
> >> >his property will not be delivered in exchange for a rubber check.
> >>
> >> What happens if the sender simply packages up couple of bricks in a
> >> nice box?
> >
> >Its called Mail Fraud -- a federal crime...
> >
>
> Ah but the USPS won't let you stipulate "cash only" or "certified
> funds" like UPS and can it still be considered Mail Fraud if the US
> Mail didn't even touch the package?
>
> Drew

Hmmm Good Point...

Perhaps it would be covered by some inter-state fraud provision or some
such that would make it a federal crime (whatever that means these days).

Jack

Jack Harper Bank Systems 2000, Inc.
e-mail: jharper@bs2000.com 350 Indiana Street, Suite 350
voice: 303-277-1892 fax: 303-277-1785 Golden, Colorado 80401 USA

"21st Century Banking Applications"
Private Label Optical Bank Card Systems
Visit our Web Page: http://www.bs2000.com/talos

3212. FS Motorola Radios

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-09 00:00:00 UTC
From: Mike <mrsslab1@inx.net>
Message-ID: <3141F5F8.431C@inx.net>
Source record: 204717
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap,rec.radio.scanner

```
The Following Motorola Portables are For Sale
All Radios Come with Battery and Antenna

GP-300 UHF 403-430 5-Tone w/KP/Full Display....$275.00
MT-1000 UHF 16Ch...............................$425.00
MT-1000 UHF 99Ch. w/MDC-1200 Front.............$500.00
SABER III UHF 120Ch............................$550.00
SABER II UHF 120Ch.............................$525.00
HT-1000 UHF 450-520 16Ch.......................$500.00
HT-1000 VHF 136-174 16Ch.......................$500.00
MTX-LS 900-LTR TRK & CONV......................$500.00
VISAR 800-TRK TYPE II/IIi......................$575.00
Maxtrac 800 Mobile 6/6/2.......................$350.00

PLEASE CALL 1-800-773-3465 AND LEAVE A MESSAGE
```

3213. FS: RF signal generator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-09 00:00:00 UTC
From: husher@ibm.net
Message-ID: <4hsl7c$1ptc@news-s01.ny.us.ibm.net>
Source record: 204718

For sale: 1. Tektronix 191 RF signal generator
0.35 - 100 MHz operation with attenuator
and manual.
$75

I can be reached at husher@ibm.net

3214. Re: Announsing: Technology Patent Available For Purchase

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-09 00:00:00 UTC
From: paul@laughton.com
Message-ID: <4hr82l$svb@sun.sirius.com>
Source record: 204719
Cross-posted to: sci.astro.amateur,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.antenna,misc.invest.technical,misc.invest.stocks,misc.invest.funds,misc.invest.canada

gherbst@msn.com wrote:

>Gerhardt G. Herbst II, is the patent holder for "Cold Spot Module".
>This product is for sale to an individual or manufacturer.

>The "Cold Spot Module" is used to effectively reduce the operating
>temperature of integrated circuits such as computer CPUs to maintain
>reliability under extreme operating conditions. This module is protected
>under a U.S. Utility Patent issued in October of 1995. A Utility patent
>provides the strongest protection under U.S. law.

>An independent North American Market Study was done on the product and the
>potential market has been identified.

>The product has not yet been introduced to the general public but is referenced
>in the U.S. Patent catalog which is posted periodically. For an on-line reference
>refer to:

>http://www.uspto.gov

>Search on Patent Number: 5457342

>The title abstract is: Integrated circuit cooling apparatus

>Note: A search on just the patent number will bring up the details.

>Exclusive rights can be purchased reasonably with negotiable license term.

>For further information, contact Gerhardt G. Herbst II.

> Gerhardt G. Herbst II
> 133 Wynstay
> Valley Park, MO 63088
> Phone: (314) 861-0426
> E-mail: gherbst@msn.com

Having investigated this patent, it appears to cover a very, very
narrow area of widely used prior art. I particular it is a device that
can be added to an existing IC in an existing circuit to cool a single
IC. The
method of coolling (peltier junction, heat sink and fan) has been used
in many different fields - so there is nothing new here.

As far as it practical value, you would have to have room in the
device enclosure to add the add-on cooler, an method of
expelling the removed heat from the enclosure and some source of power

for the add-on
device(s). The needed additional room sounds sgnificant with the heat sink and fan. For each IC you needed to cool, you would need a seperate device.

It also appears that this patent is not even a very good replication of the
prior art of IC cooling. In the abstract it does not mention any method of regulating the IC being cooled. A peltier device will lower the temp of it host device by a certain level from the ambiant temperature. This means that as the ambiant temperature changes, so will the temperature of the cooled device. Regulation sets the device temperature at something less then the full cooling capability of the peltier junction and then monitors the temperature and regulates the peliter junction to insure the
cooled device stays at a constant temperature.

If the cooler is unregulated, then wild swings in ambiant temperature will produce wild swings in the device temperature.

In my humble opinion, this patented device is not worth much. It does not do the job well. There is so much prior art in this field that one could create a slightly different device and not be in conflict with this patent and would probably do a better job.

-Paul
N6BVH

3215. Re: BEWARE OF DEALING WITH DERRICK HALL, SEAT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-09 00:00:00 UTC
From: "Ronald P. Cain" <roncain@ix.netcom.com>
Message-ID: <31420F96.28B2@ix.netcom.com>
Source record: 204720
Cross-posted to:
rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,alt.radio.scanner

durhamradio@osha.igs.net wrote:
>
> jd@acca.nmsu.edu (jd) wrote:
>
> >Everyknee wrote:
> >: I'm sorry to hear of your bad experience with Derrick Hall.
> >:
> >: I've always wondered how to buy expensive stuff from private parties I've
> >: never met.
> >:
> >: Is there a more secure way to do it?
> >:
>
> >Ship it C.O.D. with a stipulation of "cash only" on the receipt. That
> >way the buyer doesn't pay until he gets the goods, and the seller knows
> >his property will not be delivered in exchange for a rubber check.
>
> What happens if the sender simply packages up couple of bricks in a
> nice box?Stop payment on the check/cheque. If enough honest people know to handle
a sale like this, then the crook will have to move on to another scam.
Cheers,Ron Cain

3216. Help ! Sommerkamp FTDX505

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-09 00:00:00 UTC
From: christer.linholm@mbox201.swipnet.se
Message-ID: <4hsktv$79f@mn5.swip.net>
Source record: 204721

HELP!
Iwould like to get a copy of the operateurs manual or the service manual for
the old Sommerkamp FTDX505.
Copy and mail costs cherfully coverd.

73 de Chris SM4JFG

christer.lindholm@mbox201.swipnet.se

3217. Kenwood TM 721A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-09 00:00:00 UTC
From: mliebelt@cyberg8t.com
Message-ID: <mliebelt-0903961345010001@host38.cyberg8t.com>
Source record: 204722

My Kenwood looses all memory when turned off. Backup battery Ok. Kenwood wants $250.00 for repair. Any suggestions.

Mike, N6YVX

3218. Internet Remote HF Control

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-09 00:00:00 UTC
From: davidc@scoot.NETis.COM
Message-ID: <01BB0D28.D3409AA0@dns.netis.com.198.186.186.2>
Source record: 204805

Ok you incredibly creative Hams out there, help me solve this one!

Since I moved, our Club station is too far away for a price-reasonable =
phone link, and touch-and-go for a 440 link, so ... how about the =
Internet?

The Club site is many times superior to my home site and I need a more =
reliable station QTH for missionary & emergency skeds & activities.

My home QTH is too low for a UHF or microwave link, though I could =
arrange a phone connect to another ham's hilltop QTH and a radio link =
from there ... but that seems too "old-tech".

If we can make a voice call and transfer digital data at the same time =
over the Internet, why can't I use the digital channel for control info =
& still do the voice?
I have no idea what sort of Internet account the Club station would =
need, but I'm sure we could find a way to do it ... I assume a Web site.

Sure, the voice won't be studio quality, but it should be communication =
quality.
The cable system and other methods are promising huge bandwidth access =
real soon.

Someone please surprise me and tell me it has already been done, and how =
... or that you are in the process of setting up such a link now. =
Help!

73, David AA1FA

3219. Re: Mail Fraud (Was: BEWARE OF DEALING WITH DERRICK HALL, SEAT...)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-09 00:00:00 UTC
From: dsbyrd@syncentral.com
Message-ID: <4hr6v4$5bn@ns2.mem.net>
Source record: 204806
Cross-posted to:
rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,alt.radio.scanner

commins@atl.mindspring.com (Drew Commins) wrote:

>jharper@bs2000.com (Jack Harper) wrote:

>>Its called Mail Fraud -- a federal crime...
>>

>Ah but the USPS won't let you stipulate "cash only" or "certified
>funds" like UPS and can it still be considered Mail Fraud if the US
>Mail didn't even touch the package?

Yes. On Sept. 13, 1994 the Mail Fraud Statute was amended to include
"private or commercial interstate carriers". Federal Express and
others lobbied heavily for the bill, as they did not want to be a
haven for fraudulent actors seeking to avoid mail fraud prosecution.
The full text of the relevant section is set forth below:

Dwayne

Your friendly neighborhood air cargo lawyer
and ham (KC4POI).

Whoever, having devised or intending to devise any scheme or
artifice to defraud, or for obtaining money or property by means of
false or fraudulent pretenses, representations, or promises, or to
sell, dispose of, loan, exchange,alter, give away, distribute, supply,
or furnish or procure for unlawful use any counterfeit or spurious
coin, obligation, security, or other article, or anything represented
to be or intimated or held out to be such counterfeit or spurious
article, for the purpose of executing such scheme or artifice or
attempting so to do, places in any post office or authorized
depository for mailmatter, any matter or thing whatever to be sent or
delivered by the Postal Service, or deposits or causes to be deposited
any matter or thing whatever to be sent or delivered by any private or
commercial interstate carrier, or takes or receives therefrom, any
such matter or thing, or knowingly causes to be delivered by mail or
such carrier according to the direction thereon, or at the place at
which it is directed to be delivered by the person to whom it is
addressed, any such matter or thing, shall be fined under this title
or imprisoned not more than five years, or both. If the violation
affects a financial institution, such person shall be fined not more

than $ 1,000,000 or imprisoned not more than 30 years, or both.

(18 USC 1341)

3220. Re: Yaesu MD-1 Question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-09 00:00:00 UTC
From: thompson@atl.mindspring.com
Message-ID: <4hr2jp$663@B1FF.mindspring.com>
Source record: 204807

mbrinkho@falcon.inetnebr.com (Matt C. Brinkhoff) wrote:

>I recently purchased a used Yaesu MD-1 at a hamfest. It seems the audio is
>a bit low on the mic - unless I talk about 1/2-1" away from the mic it
>barely moves the power out meter.

The audio of the stock MD-1 is too base and mellow for voices outside
JA. But sounds like you have a bad element or bad wiring.

>I have previously used the HM-1 hand mic and a preamplified (turner) mic
>with the rig, both of which produced quite a bit of movement on the meter
>when I was speaking (SSB, of course.)

>The rig is a FT767GX.

>Is this normal for a MD-1, or is there something wrong? (Before you ask,
>the switch is in the 600 ohm position.)

>Thanks.

>
Most of us get rid of the MD-1 (or at least the mic portion). You
might try putting in a Heil HC-4 or 5 element and perhaps wrapping the
side holes in the barrell. Good luck.

73, Dave K4JRB

3221. Re: WTB: Heil BM-10 Boom/mic set for Yaesu

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-09 00:00:00 UTC
From: thompson@atl.mindspring.com
Message-ID: <4hr2le$663@B1FF.mindspring.com>
Source record: 204808

thompson@atl.mindspring.com (David L. Thompson) wrote:

>WTB: A BM-10 Boom/mic set, prefer wired for Yaesu with HC-4 DX
>Element. Must be in working condition. Send your reply only by
>E-Mail to me at thompson@mindspring.com with price.

>73, Dave K4JRB

I have one I bought from KR4DA. Thanks.

3222. PRC-25

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-09 00:00:00 UTC
From: Matthew_R._Perry@ndcrt.wa.com
Message-ID: <61438.43603406@ndcrt.wa.com>
Source record: 204809

I need help with accessories for a PRC-25, also parts, service manual or any thing that has to do with the radio.

Thanks Matt
mpeery@ndcrt.wa.com

```
+-------------------------------------------------------------------+
| This Message Originates from the Information Server of the: |
| National Disaster Communication Response Team - U.S. Command Center |
| R.L. Nelson, Executive Director |
| M. Perry, MAST J. Maher, Assoc Director W. Lange, Finances |
+-------------------------------------------------------------------+
| Providing Disaster Related Communications & Technical Support |
| for additional information: administrator@ndcrt.wa.com |
+-------------------------------------------------------------------+
```

3223. Re: Help! ICOM IC751

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-10 00:00:00 UTC
From: REDLIGHT@NANDO.NET
Message-ID: <REDLIGHT-0903962057500001@grail2114.nando.net>
Source record: 204723

if this is like my 71a's and 7000's you must send it back to ICOM
to fix the problem...figure about $180.00 if i remember right.

Mike

In article <DnzGMK.JAF@hkpu01.polyu.edu.hk>, Joshy M George
<eejoshy@hkpucc.polyu.edu.hk> wrote:

> Could anybody help me to fix a rig (ICOM IC751).
> It seems the small RAM (it looks like that) has lost its contents.
> The battery on board is drained off.
> Thanks

--
Mike - Raleigh, NC USA

Opinions expressed herein are my own and do not in any way
represent those of my employer.

3224. Re: IC-W31A/IC-Z1A CTSS Decode and Tone Squelch Standard?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-10 00:00:00 UTC
From: lui@netcom.com
Message-ID: <luiDo24yF.8ot@netcom.com>
Source record: 204724

In article <Dnv89r.7qt@encore.com>,
Sam Lightbourne <slightbo@encore.com> wrote:
>Stephen Lui (lui@netcom.com) wrote:
>: The HRO ad says that the IC-W31A and IC-Z1A both come standard withe 2.5
>: watts of power and CTSS decode standard, with the BP-180 battery. Does
>: this mean that they include the UT-94/UT-93 modules and also come withe
>: tone squelch, pocket beep, and tone scan? Is tone squelch controlled by a
>: CTSS tone or is like the DTMF paging feature of the FT-51R?
>
>: Stephen
>
>
>According to the manual, the UT-94 module is already installed
>in the USA version. It controls the tone squelch
>operation, the pocket beep and the tone scan functions.
>
>The code squelch function is controlled by DTMF.
>
>--
>slightbo@encore.com
>Sam (ki4jj)

I just got my IC-Z1A last Friday, and the UT-93 comes in a little box. I still have to open up the radio and install it. The $100 rebate brought the cost down to $339, which I though was a really good deal.

Stephen
KF6BTE

3225. Re: Yaesu FT-530 vs FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-10 00:00:00 UTC
From: kriss@spec.com
Message-ID: <kriss-1003960923070001@lanrover4.spec.com>
Source record: 204725

Hi Barry,

I used to own a 530 and now have a FT-51R. Both great radios. The FT-51R blows away the 530 for AM Rx. I do monitor some A/C freq and the 530 was almost as worthless as my Kenwood 733A for AM. The FT-51R is the BEST I have ever heard.

The batteries are better on the 530 and cheaper too. The audio quality is better on the 51R.

Play with both and listen to to them. Both are good. I still prefer the FT-51R over the 530. It is worth the extra bucks but be sure you get the high powered unit.

Dick, kd5vu
kd5vu@spec.com
or
kd5vu@kd5vu.ampr.org
Austin, Texas

In article <4hrvgb$18a$1@mhafn.production.compuserve.com>, Barry <74447.2565@CompuServe.COM> wrote:

> I am interested in purchasing either the Yaesu Ft-530 or FT-51R.
>
> Thanks,
> Barry -- KB2KK

--
Dick Kriss
kriss@spec.com

3226. Re: how much is a Collins KWM2 worth?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-10 00:00:00 UTC
From: Bill <debral@falcon.cc.ukans.edu>
Message-ID: <1996Mar10.111147.115723@kuhub.cc.ukans.edu>
Source record: 204726

Holy ROUND EMBLEM batman...a "working" KWM2 for $200.
Yes Robin, but careful now..this looks like the work of the Joker!

But seriously folks...

I'll take it right now for the parts. I might even pay shipping!

Remember...if it sounds too good to be true, it probably is!

73s

Bill Worthington
AA4FM/0
Eudora, Kansas, USA
Collector: Collins & Drake

3227. Re: HT Battery Suppliers - Who the Best?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-10 00:00:00 UTC
From: gkd@wpi.WPI.EDU
Message-ID: <4hu28j$kk8@bigboote.WPI.EDU>
Source record: 204727

In article <313F2F96.134B@trw.com>, Alan Raskind <alan.raskind@trw.com> wrote:
>
>I guess my real question is that if Periphex doesn't want to support the
>amateur community, who should we go to for batteries other than the OEM
>HT suppliers? I personally have never bought any W&W Associates
>batteries because I had "heard" that their cases were NOT well made and
>fit was poor. Don't have any first hand knowledge on the quality of the
>NiCads they use or how they hold up. I am tempted to go to them instead.

My experience with W&W has been mixed. I recently ordered some AAA NiCd cells with solder tabs from them, and had been told on the phone that W&W manufactured the cells and they were rated at 220 mAH (a figure also listed in their catalog). It took W&W about a week to process the order, and the cells which arrived were manufactured by Sanyo, not by W&W. I decided to use them anyway since I've had reasonably good luck with Sanyo cells (although I do think there are better products on the market), but after I got them soldered together I noticed they were only rated at 200 mAH rather than 250 mAH; which is the rating of Sanyo's current AAA cells.

This got me wondering just how old the cells were, so I wrote to W&W and asked them to explain the discrepancies. A representative wrote back saying that W&W does not manufacture cells, but uses Sanyo cells. She said the ones I was sold were one year old, and that they did not have any of the newer 250 mAH cells; which I could have obtained elsewhere for the same price. Since I'd already installed the cells I decided that returning them and re-ordering from another vendor wasn't worth the hassle, but I don't think I'd order from W&W again. (One of the cells also arrived with a broken solder tab, but I was still able to use it.)

The W&W battery packs which we've used in years past with our Motorola HTs at work seemed to have a high incidence of premature failure. When I opened up one of the dead ones I noticed that the Sanyo cells inside were specified for a 14-16 hr. standard charge or a 4-6 hr. rapid charge. However, the Motorola rapid charger charges batteries at a 1 hr rate, which the Sanyo cells apparently were not designed to handle. Physically, I don't recall noticing any difference in durability between the W&W packs and the Motorola packs.

I'd say the company I've had the best luck with is E. H. Yost & Co. (MR. NiCd); good products, prices, and service. I've also used batteries from TNR Technical Inc. on several occasions, but their prices have increased to the point where I no longer consider them to be competitive with other mail order establishments. The current issue of "Radio Resource" has a survey of aftermarket battery manufacturer products, but I don't know how many of these companies manufacture packs for the amateur market.

Greg

3228. subscribe

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-10 00:00:00 UTC
From: glass@televar.COM
Message-ID: <199603100713.XAA02470@bing.ncw.net>
Source record: 204728

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subscribe
```

3229. Icom-W31A vs TH79A vs FT51R HT's

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-10 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9603101754.AA13030@gollum>
Source record: 204729

Of the three Dual banders, I would like to hear
from those that have compared all three, especially
the W31A.
Which unit has the best performance on VHF, UHF or both
bands for receive?
Which unit get the worst intermod on VHF, UHF or both
bands for receive?
For Battery life, which has more talk/listen time compared
to the others(which draws most current/least current?
For VCO performance. which unit has the broadest locked rx/tx
VCO?
Which unit has had most returns/least returns?
If you have a unit, are you happy, unhappy, or ?? about it.
As you can guess I am interested in actual performance, not so much as
that it have/not have a PC/computer port for computers/Windows,etc.

Any comments would be appreciated, I have seen mods in the QRZ directory
on the TH79A, FT51R, but none on the W31A, if anyone has any, can you foward
them. Is the any difference between the W31A and its earlier version the
W21A??
Comparing them in the ham store, it seemed by inspection below:
Looking closely at the W31A, it seems it has a more sensitive
UHF receiver than the FT51R for out of band listening.
Another observation was the TH79A has a more sensitive VHF receiver
than the W31A for out of band.
Is the W31A more intermod proof on VHF than the FT51R?

Tempted to get the W31A, is it the best choice between ham band and a
out of band type receiver for an HT rig??
It seemed the W31A had a great out of band UHF sensitivity, while the FT51R
was somewhat deaf, and the TH79A ok, but could only hear up to 470MHz.

If anyone has a mod to get the TH79A above 470Mhz, can you e-mail it to me.
Thanks

73
Mike :-)

-.-. --.- -.. -..-
.-- -.... - .-. .--

Morse Code is not dead!

3230. Re: opinions requested on Icom IC-Z1A and^C

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-10 00:00:00 UTC
From: David_Edger@fforum.blkcat.com
Message-ID: <NOMSGID_1=3A109=2F239.0_960310_151900_bf1c8c7e@fidonet.org>
Source record: 204730

Everyone has an opinion, but for my two cents worth, the best dual
band HT I've ever used is the FT51R. I bought Icoms for twenty years,
really liked them, but was so impressed with the FT51R that I switched.
It has great battery pack options, a built in voltage meter so you're
never surprised by a dead battery, a scope to check activity on nearby
freqs, and will receive out of band without a modification.
I won't part with mine, but am planning to sell my Kenwood TH79a
which lacks the sensitivity and wideband receive of the Yaesu.
73 , Dave AA5NU

3231. Re: Kenwood TH79A vs. Yeasu FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-10 00:00:00 UTC
From: skcaldwell@aol.com
Message-ID: <4huo8v$5k7@newsbf02.news.aol.com>
Source record: 204731

Yeasu is better for intermod.

Bought both units with the intention of taking one of them back. (I really found people liked both models...though a slight preference for the yeasu was detected).

After testing them around a high rf area, I found the Yeasu to be much better. In fact it seems to be better than my older Icom W2A which was great at the time.

Also seem to like the way the Yeasu programs a bit better. It's a great radio...very happy with the purchase. CHeck out the programming kit to connect it to windows/computer. Makes changing/backing up really easy.

Sean Caldwell
skcaldwell@aol.com

3232. FS: Icom 12 at

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-10 00:00:00 UTC
From: lsm@tir.com
Message-ID: <4ht49b$itq@ramp2.tir.com>
Source record: 204732

I have an Icom ic12AT 1.2 Ghz handheld with genuine leather Motorola case , standard batt. and wall charger. Rapid charger and other batts available, extra. $250 prepaid or cod/mo/cert check.

Please repond via e-mail

73

Ron

3233. Wanted! Dual band HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-10 00:00:00 UTC
From: herb@alpha1.csd.uwm.edu
Message-ID: <4ht9ro$qde@uwm.edu>
Source record: 204733

I am looking for a dual band HT with 800mhz recieve, and dual freq recieve.
I have an Icom W21AT that I bought a week or two ago, and it does EVERYTHING but recieve 800mhz, and I don't have a scanner to do so..(I had to sell it to get the HT.) The point being, I'd like to swap if I could for an HT that will do this. The W21AT is brand new, and has the cool whisper function, that allows telephone-style conversations, as it has a mic in the battery. It comes with the leather case, and a speaker mic.

Nate.

3234. Looking for Gary Davidson

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-10 00:00:00 UTC
From: "Bobby R. Ludlum" <brlpe@gnn.com>
Message-ID: <4i081v$5b7@news-e2a.gnn.com>
Source record: 204734

```
Gary, Please email ordering details for Ranger Manual.
I've sent 5 emails to you with all returned marked
user unknown?
```

3235. Wanted: Mods for IC-706 !!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-10 00:00:00 UTC
From: mamoman@xs1.xs4all.nl
Message-ID: <4hvb61$c85@news.xs4all.nl>
Source record: 204735

Wanted :
Modifications for the Icom 706..

Like expanding rx for 2m.. etc...

Martin

3236. WTB:SX101 Mk1 Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-10 00:00:00 UTC
From: had@halcyon.com
Message-ID: <NEWTNews.15395.826502643.had@had>
Source record: 204736
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.antiques.radio+phono

Would like to find a owners/service manual, or copy, for this newly accquired radio.
Thanks
Hadley
had@halcyon.com

3237. FS: ICOM-751

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-10 00:00:00 UTC
From: Bob Kennon <kd6mn@prysm.net>
Message-ID: <3143A137.5E3F@prysm.net>
Source record: 204737

I HAVE FOR SALE A ICOM-751. ALL BAND ALL MODE TRANSIEVER WITH GENERAL
COVERAGE REC. 200 WATTS PEP INPUT.

WITH THE FOLLOWING INSTALLED:
CW/SSB FILTERS. FB BOARD. VOICE SYNT. UNIT
I WILL SHIP WITHIN CONUS.

I AM ASKING $780.00
BOB KENNON E-MAIL KD6MN@PRYSM.NET 318-949-4074/ANY TIME. TNX

3238. Re: HTX-242?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-11 00:00:00 UTC
From: frederick.mckenzie-1@kmail.ksc.nasa.gov
Message-ID: <frederick.mckenzie-1-1103961805590001@k4dii.ksc.nasa.gov>
Source record: 204660

In article <4hojfo$dun@reader2.ix.netcom.com>, jrw4@ix.netcom.com (JRW) wrote:
> >There is an HTX-202 but no HTX-242.
> There is now. Cat # 19-1126.

I checked the local Radio Shack, and found that the 19-1126 is indeed in the system. However, none of the local stores has received any.

The HTX-242 is not in the 96 catalog, but is in the computer. (By comparison, there is a computerized oscilloscope probe listed in the catalog, that isn't in the computer yet.) The clerk said that being in the computer indicated it was in the warehouse, but hadn't been shipped. I suspect it isn't really in the warehouse yet, but a real order has been placed with the manufacturer.

73, Fred, K4DII

3239. Re: Radio Shack TRC-512 to 6M?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-11 00:00:00 UTC
From: frederick.mckenzie-1@kmail.ksc.nasa.gov
Message-ID: <frederick.mckenzie-1-1103961809550001@k4dii.ksc.nasa.gov>
Source record: 204661

In article <4i1rbh$dje@nnrp1.news.primenet.com>, n7ory@primenet.com (Rob Neff) wrote:
> Well, I did get it to move up to 52.525, but was unstable due to the
> tuning cans on either side, rx/tx.

Rob-

What is your secret to getting it up to 52.525? Some of us might be able to solve the tune-up problem if we had help with the synthesizer.

73, Fred, K4DII

3240. Wanted: SWR meter for HT..vf or vhf/440

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-11 00:00:00 UTC
From: szhall@boris.ucdavis.edu
Message-ID: <4i1sj1$1j0@mark.ucdavis.edu>
Source record: 204662

I am looking for a SWR Meter for my HT..I would like a VHF or a VHF/440..5 watts max. is all I need...thanks..Jeff

3241. Kenwood Mics

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-11 00:00:00 UTC
From: Thomas Martin <tmartin@cartworks.com>
Message-ID: <4i2eap$fvb@lou.teclink.net>
Source record: 204663

Has anyone ever figured out what causes the top row of buttons on a Kenwood mic to quit working? I have been in it and checked the connections and solder traces but found no problems. I have tried another mic and it works fine on the same rig. The radio is out of warranty and probably could buy a new mic for what it would cost to repair this one.

Thanks in advance...
tmartin@cartworks.com
Thomas Martin N5ZNO

3242. Dipole antennas

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-11 00:00:00 UTC
From: ANDRE CORDEIRO ROMAO BORGES BRANDAO <l42303@alfa.ist.utl.pt>
Message-ID: <3143E8B4.41C6@alfa.ist.utl.pt>
Source record: 204664

I've been a SWL station since 1992 and soonly I'll be an amateur
station.
Inicially I'll use a dipole antenna:
I would like to know if you have any suggestion or you think you can
help me in anything, if so, send me An E-mail to
acrbb@camoes.rnl.ist.utl.pt or l42303@alfa.ist.utl.pt.
Thank you very much, 73! CT01191, Andre Brandao.

3243. PROGMNG 4 HT1000,MT2000 and MT1000 and HT600's CHEAP!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-11 00:00:00 UTC
From: mfp@aros.net
Message-ID: <4i1mmu$3b3@news.aros.net>
Source record: 204665

I'll program ANY number of freqs, ctcss and Signalling, either HAM or
Commercial on any of the following radios:

GE PHOENIX S and SX's EEPROM

MOTOROLA: ***** ALL PRICES INCLUDE RETURN UPS Charges*****

MT1000 either model 16 ch version $25 99 ch version $35

MT2000 either model 48 ch version $30 255ch version $40

HT1000 either model 16 ch version $25

HT600 any model 2 ch version $20 6 ch version $25

email me for shipping address and turn around times....

mfp@aros.net

3244. Info on interface !

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-11 00:00:00 UTC
From: l38217@alfa.ist.utl.pt
Message-ID: <4i1h47$72f@ci.ist.utl.pt>
Source record: 204666

Hello !
I use the famous contest logging program "CT", and I know it
is possible to make it transmit on CW for quick responce in
CW contests. I've seen some years ago on CQ magazine, an article
about a simple interface for the TS-440s and the IC-735.
My question is , if the interface for the IC-735 can also be
used to control the IC-725 (wich is the one I have).

Thanks! 73 + Good DX + Good Contest

--

Pedro Pedroso	
l38217@alfa.ist.utl.pt	CT1ELP
Eng. Electrotecnica e Comp.	Founder member of GPDX
(Telecomunicacoes e electronica)	

| Address: P.O.Box 116 , 2806 Almada Codex , PORTUGAL |

3245. Thief-proofing

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-11 00:00:00 UTC
From: Mark Pettigrew <m.w.pettigrew@shu.ac.uk>
Message-ID: <31447ADE.4596@shu.ac.uk>
Source record: 204738
Cross-posted to: rec.radio.amateur.equipment,uk.radio.amateur

We recently had a series of break-ins at work, and a number of computers were stolen. As a result (locking the stable door after the horse has bolted etc) we now have some of those plastic stick on pads with cables and locks through them securing the computers to desks and to each other to make it harder to get them out quickly. (Plus lots of other anti-theft precautions, but I'm not going to detail those . . .)

Two questions -

(a) does anyone know of any good theft-proofing methods for radio equipment (apart from the obvious things like buckets of sulphuric acid which are both dangerous and illegal)? Are there any good ways to camouflage kit so that burglars walk past it in their search for sellable goods like VCRs? And how do you fix a plastic-pad-and-cable type security device on a tranceiver where every panel can be removed or has loads of sockets or switches all over the surface?

(b) why don't the manufacturers put a loop for a padlock mount onto the chassis of new transceivers? This is done for some laptop computers, and would make it a bit easier to secure the kit to something solid.

I know that nothing is going to deter a dedicate burglar with plenty of time, but since many burglaries are in-out operations taking only a few minutes, anything that slows the thieves down would, IMHO, reduce the chance of my losing a transceiver.

Cheers

Mark
G0WLR

3246. Re: Thief-proofing

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-11 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4i1d5m$idq@news.ccit.arizona.edu>
Source record: 204739
Cross-posted to: rec.radio.amateur.equipment,uk.radio.amateur

Mark Pettigrew <m.w.pettigrew@shu.ac.uk> writes:
>Two questions -
>(a) does anyone know of any good theft-proofing methods for radio
>equipment (apart from the obvious things like buckets of sulphuric acid
>(b) why don't the manufacturers put a loop for a padlock mount onto the
>chassis of new transceivers? This is done for some laptop computers, and
>I know that nothing is going to deter a dedicate burglar with plenty of
>time, but since many burglaries are in-out operations taking only a few
>minutes, anything that slows the thieves down would, IMHO, reduce the
>chance of my losing a transceiver.
>Cheers
>Mark
>G0WLR

Hi: I worked briefly at a government facility that was a high security establishment with armed guards wandering the halls constantly, randomly stopping people to check ID cards. Even with that, there was a team that did nothing but go around and secure computers and printers to desks, walls and floors. There's quite an array of kits and gadgets for this purpose. Picking up some computer mail-order catalogs might work in spotting a lock-down kit that would work on your radio(s).

ICOM, quite unintentionally I imagine, supplied the heat-sink on the IC-228H with a cross-bar on one end. After mine was stolen and replaced on insurance, I made up a shackle which dropped between the heat sink fins and was attached by pad lock and chain to the steering column.

It'd be down-right nifty if manufacturers would equip radios with a means of locking them down. Some computer makers design in a place in the frame where a shackle can be installed from insdie the radio, thru the frame and the case. There are also kits for some computers which involve putting a heavy metal frame around it in two halves, the lock securing the halves. Perhaps this approach would work for some amateur radios?

Chris - N7RME

3247. Re: Thief-proofing

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-11 00:00:00 UTC
From: jdu@ihgp6.ih.att.com
Message-ID: <4i1esq$1ld@ssbunews.ih.att.com>
Source record: 204740
Cross-posted to: rec.radio.amateur.equipment,uk.radio.amateur

In article <Do3u92.J2q@hpqmoea.sqf.hp.com>,
David Stockton <dstock@hpqmdla.sqf.hp.com> wrote:
>Mark Pettigrew (m.w.pettigrew@shu.ac.uk) wrote:
>
>: (a) does anyone know of any good theft-proofing methods for radio
>: equipment (apart from the obvious things like buckets of sulphuric acid
>: which are both dangerous and illegal)?

You could build heavy metal brackets that bolt around the radios and
lock or bolt to the desk.

John Unruh

3248. Re: Announsing: Technology Patent Available For Purchase

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-11 00:00:00 UTC
From: gherbst@msn.com
Message-ID: <NEWTNews.826564341.13885.Postmaster@GGHERB.MONSANTO.COM>
Source record: 204741
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.antenna

> Amen, Jim. If this thing works like this guy spells, he's got a tough sell.

>
> "Announsing", "blatent" and "know one else" indeed. I don't know what his
> device is, because searching for the number didn't work for me. Sounds like
a
> Peltier device, but I guess it could be cold fusion.
>
> 73, Wes -- N7WS
>
Always nice to see a couple of smarta*sses on the net..Hi fellows

Gerhardt-

3249. Yeasu FT 2500 mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-11 00:00:00 UTC
From: Jeff Joynt <jj@thegrid.net>
Message-ID: <4i0d1k$85g@news1.emplink.net>
Source record: 204742

What is the modification for this radio for extended transmit?
Please reply to jj@thegrid.net Thanks

3250. Yeasu FT2500M

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-11 00:00:00 UTC
From: Jeff Joynt <jj@thegrid.net>
Message-ID: <4i0dib$85g@news1.emplink.net>
Source record: 204743

I need some info to modify this radio for extended receive.
thanks !! jj@thegrid.net

3251. DUAL BAND MOBILE - opinions wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-11 00:00:00 UTC
From: bud@northstar.k12.ak.us
Message-ID: <bud-1103960925580001@198.104.162.34>
Source record: 204744

I am looking to get a dual band mobile that I can use as a "repeater"
(cross band) for my 2 meter radio so I can get out more power.
It must have a backlit dtmf pad mike and cross over both ways (2m to
70cm and visa versa)...at least I think some do this and some don't.
Currently I only own a 2meter and my main desire for this is so I can use
it when I am away from my car to get further out than my ht will allow.
Here in Alaska we are in darkness a great deal so the backlit pad is
critical. Intermod problems are few in Fairbanks, so although that is a
consideration, it is not the overriding consideration.
Any opinions?

--
Bud Kuenzli, North Pole Alaska
bud@northstar.k12.ak.us
XLTRMK
WL7CIK
ICUUCME

3252. calling all htx-100 users..calling all.....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-11 00:00:00 UTC
From: BAACK@MAINE.MAINE.EDU
Message-ID: <96071.124514BAACK@MAINE.MAINE.EDU>
Source record: 204745

Hello there I just picked up a HTX -100 and I had a couple of questions.

1. Are the leds supposed to light up on transmit as well as recieve?

2. How do you measure the SWR with this radio, the meter I have wants to measure AM signal strength, and when I select CW from the mode button, and depress the ppt or the trans switch, nothing moves on the scale...?
How do I measure the SWR?

Thanks for all the help in advance,
Jason N1RWY FN54VF

3253. Timewave DSP-500zx ????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-11 00:00:00 UTC
From: ejuge@ix.netcom.com
Message-ID: <4i1s30$jri@cloner3.netcom.com>
Source record: 204746

Is anyone using one of these? How does it compare to others? Any info would be appreciated.

Would appreciate email response to ed@cis.compuserve.com.

Thanks... Ed, W5TOO

3254. someone wanted HV bandswitch ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-11 00:00:00 UTC
From: turner@safety.ICS.UCI.EDU
Message-ID: <6058.826573125@safety.ics.uci.edu>
Source record: 204747
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

Hello -

I had email contact with someone looking for a nice HV bandswitch
and lost the address in my morass of files. If you are out there,
I found the bandswitch, and if you contact me I can tell you
about it.

Clark
WA3JPG

3255. Re:am&FM signals

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-11 00:00:00 UTC
From: Jim Dillon <beadgal@ptialaska.net>
Message-ID: <4i1rhb$4ii@news.dgsys.com>
Source record: 204748

Hi all-

For the AM, get a 5 gallon plastic salad dressing/paint/sheetrock mud
bucket and wrap 40 turns of any old wire around it trying to get about
1/8" spacing. Attach wires in place of AM black plastic thing that came with.

For FM- put 'T' antenna high as possible or go to stereo store and
buy a Terk, Parsec, or Recoton amplified antenna, but *not* over $30!
Then start positioning both of these for best reception. FM thingee
up high.
The bucket is known here as a North Sloper. It will amaze you. Turn off
all dimmers, electric heat thermostats, dimmed Halogen, lamps, and the
Interplaq toothbrush charger.(To get rid of noise).
Jim Dillon Beadgal@ptialaska.net

3256. Nd Advice-DSP filter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-11 00:00:00 UTC
From: Jim Dillon <beadgal@ptialaska.net>
Message-ID: <4i23pk$b4h@news.dgsys.com>
Source record: 204749

Hi All-
Any input on Timewave DSP-9 vs JSP-NiR-10 vs Datong SL-3, particularly

for AM, (yes, boatanchor) reception? Any for sale?
Thanks Jim Dillon WL7CMQ beadgal@ptialaska.net

3257. Q: A Good "starter" 2M Rig....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-11 00:00:00 UTC
From: bspring@tiac.net
Message-ID: <4i02t5$fud@sundog.tiac.net>
Source record: 204750

Can anyone recommend a good 2 meter rig for a new Tech?

I would like to set up a rig in a college dorm room to hit the local repeaters around the area but I really do not know where to start.

Radio? (Sml, suitable) antenna?

Any help would be greatly appreciated...

Thanks.

- Bill
bspring@tiac.net

3258. Re: Help: Altenator Noise in Mobile killing my RX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-11 00:00:00 UTC
From: Cecil Moore <cmoore@sedona.intel.com>
Message-ID: <4i1kic$9vl@chnews.ch.intel.com>
Source record: 204751

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>If it is the alternator, it would be a good idea to check the
>alternator brushes.

Hi Gary, I was under the impression that DC generators had brushes
but AC alternators didn't. I'm chasing a noise problem in my S10.
Are there really brushes in there?

73, Cecil, KG7BK, OOTC (not speaking for my employer)

3259. Re: Interface

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-11 00:00:00 UTC
From: dsipe@calweb.com
Message-ID: <N.031096.223254.99@sac1-4.calweb.com>
Source record: 204752

> I would like to home brew an RS232 to TTL interface
> for my Kenwood TS850sat. Could someone help me out with a
> circuit? Thank you Tom WB2ENV
>

Two easy ways to go.

1. Use a 1488 and a 1489 chip, both 14 pin DIPs. The 1489 has four RS232 to TTL line receivers and requires a 5vdc supply, the 1488 has four TTL to RS232 line drivers and requires a +12 and a -12 volt supply.

2. Use the Maxim MAX232A. Along with the chip you will need 5 4.7uF or 10uF tantalum capacitors and a single 5v supply and the caps are used in a charge pump to supply +10 and -10vdc for the RS232 line drivers. Each MAX232 has two line drivers and two line receivers.

The Maxim chip is probably the easiest to use since in only requires a single supply. The MAX232 should be available for less than $5 at Mouser or Digikey. And the tantalum caps are about 25 cents each. In addition to Maxim, Harris and a few other chip makers are second sourcing these devices. Maxim also makes a new version of this chip, the MAX233. Same pinout, but doesn't require the external capacitors. They may be available from the same sources as the MAX232, but don't seem to be as readily available.

The 1488/1489 combo might be easier to locate (maybe an old serial card from an old computer) and also might show up at surplus electronics dealers for less than $1 per chip.

---
73 David KD6QFZ
dsipe@calweb.com

3260. TM-732a probablem and schematic needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-11 00:00:00 UTC
From: jmccarty@sirinet.net
Message-ID: <4i09a9$ej8@panther.sirinet.net>
Source record: 204753

My Tm-732a drops down from 50 watts about 10amps to 20 watts
about 5 amps after I have been keyed up for about 3 seconds.
Then after 3 more seconds it drops down to about two watts and
an amperage fluctuating around 2-3 amps. It only does this on
two meters not on 70cm. I am am also in need of a schematic
for this radio if anyone has one or knows where I can get one.
Wesley McCarty
KC5ACC

3261. Re: Thief-proofing

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-11 00:00:00 UTC
From: dstock@hpqmdla.sqf.hp.com
Message-ID: <Do3u92.J2q@hpqmoea.sqf.hp.com>
Source record: 204754
Cross-posted to: rec.radio.amateur.equipment,uk.radio.amateur

Mark Pettigrew (m.w.pettigrew@shu.ac.uk) wrote:

: (a) does anyone know of any good theft-proofing methods for radio
: equipment (apart from the obvious things like buckets of sulphuric acid
: which are both dangerous and illegal)? Are there any good ways to
: camouflage kit so that burglars walk past it in their search for sellable
: goods like VCRs? And how do you fix a plastic-pad-and-cable type security
: device on a tranceiver where every panel can be removed or has loads of
: sockets or switches all over the surface?

I understand that the majority of burglaries are committed by people
with no idea what anything is, and even if you disguised your DSP HF
flagship rig as a beaten-up CB, many would nick it as a CB. The computer
thieves seem to be specialists with some knowledge, though.

: (b) why don't the manufacturers put a loop for a padlock mount onto the
: chassis of new transceivers? This is done for some laptop computers, and
: would make it a bit easier to secure the kit to something solid.

You'd still have the rig, but they'd have pulled so hard that the back
panel would be pulled out in a tent around the loop, with the spot welds
on the internal chassis deck broken, then the whole thing dropped on the
floor (probably landed on front panel) OK, satisfaction that they didn't
get it, but still very distressing.

: I know that nothing is going to deter a dedicate burglar with plenty of
: time, but since many burglaries are in-out operations taking only a few
: minutes, anything that slows the thieves down would, IMHO, reduce the
: chance of my losing a transceiver.

In-out merchants with little time, but also no worry about damaging
things, and no knowledge about what anything is...

Sorry,
David GM4ZNX

Hey, how about car radio type code protection of VCRs, hifi gear etc
operated by tilt-switch ? If you move it, you have to put code in before
it'll work again. Might just bring down the net profitability of the
theft trade if enough units had it....

3262. (none)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-11 00:00:00 UTC
From: st11@ita.pwr.wroc.PL
Message-ID: <199603111006.CAA09361@UCSD.EDU>
Source record: 204755

```
subscribe
```

3263. Military Radios wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-11 00:00:00 UTC
From: un040343@wvnvms.wvnet.edu
Message-ID: <1996Mar11.151450.17054@wvnvms>
Source record: 204756

```
Wanted:: Military radios and military radio equipment.
Like PRC/ type radios. Send E-mail to
condon@wvube1.be.wvu.edu
Thankyou,
Chris
```

3264. galaxy500 power

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-11 00:00:00 UTC
From: rocky@inland.net
Message-ID: <4i0j4n$csk_001@ts2p2.inland.net>
Source record: 204757

I need a power supply for a galaxy 500 or a drake tr-3. well not me but my father.. please let me know if you have one for sale or know where I can get one

rocky@inland.net

3265. Any Mods for ICOM 2350H??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-11 00:00:00 UTC
From: <>
Message-ID: <4i17g4$19b8@ausnews.austin.ibm.com>
Source record: 204758

Hello All,
I just bought an ICOM 2350 dual band rig for my car at the Charlotte Hamfest.
They had some really good prices there. My question is, are there any
mods for this rig? Can you send or post them? Thanks.
Please send none post respones to the email address below.
Thanks and have a good day.

Larry Schroeder
lschroeder@vnet.ibm.com
KD4HSL

3266. Re: Icom IC-736 Informat/mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-11 00:00:00 UTC
From: lion@tigger.jvnc.net
Message-ID: <Do3uqy.5JK@tigger.jvnc.net>
Source record: 204759

gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>In article <4hptrm$ijk@news2.realtime.net> redoutey@bga.com writes:
>>
>>Hows the noise from the speaker, even with the volume turned all the way
>>down? Does it cover up weak signals? Does it drive you nuts with
>>headphones on?
>>
>>If you find a "fix" for that, there are plenty of others who would like
>>to know. ICOM "Refuses" to do anything about it!!
>>
>Well mine is quiet as the tomb with the volume turned down (in headphones),
>the blankety blank *fan* makes enough noise to wake the dead though.

Speaker is dead quiet with the volume truned down. Fan is completly inaudible,
but the case rattles with strong signals (think I nhave a screw loose :-).

Kelly
KB2SYD

3267. WTB: National Receiver NC100XA

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-12 00:00:00 UTC
From: WRE00@email_address
Message-ID: <Do4uJv.GBI@ccc.amdahl.com>
Source record: 204667

I have a friend who is look for a National Receiver. He is looking
for a NC100XA or NC200xx.

If you have one or know of where he can find one, please send me Email
and I will pass it one to him.

Thanks, Rick, KD6VEG.

Email Address : kd6veg@netservers.com
Packet Address : kd6veg@n0ary
Web Page : http://netservers.com/kd6veg/

3268. SGC HF Transceivers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-12 00:00:00 UTC
From: markm@teleport.com
Message-ID: <4i4i7u$mm2@nadine.teleport.com>
Source record: 204668

I've been thinking about purchasing an SGC SG-2000 HF transceiver for maritime mobile use. I need ITU marine HF transceive capability, a general-coverage HF receiver (for marine weatherfax transmissions) and would like HF ham coverage as well; but I really don't want to carry two radios, and the SG-2000 seems to be one of the few units that is type-accepted for marine HF and has ham-band coverage as well.

I have an SGC tuner and am reasonably impressed with its design and construction; but nobody stocks the SG-2000 locally and I'm reluctant to commit myself without some better information.

Anybody got experiences, pros, cons, or alternatives to offer?

Mark McPherson
N7NEE

3269. Midland GDO Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-12 00:00:00 UTC
From: aga@ssguest.west.sun.com
Message-ID: <4i4j84$1sd@newsworthy.West.Sun.COM>
Source record: 204669

Hello folks, I recently acquired a Midland tr-grid dip meter at a flea market. It was a great buy at 5.00 dollars but it has no coils. Shouldn't be hard to wind some coils huh...not. The coil socket seems to use all 7 pins. Does anyone have any docs on this thing? What I need is info that will help me wind some coils to fire this thing up. I suspect that certain coils for different bands use different connections from the socket to the pc board that is the oscillator.

TIA

Tony WA6LZH

3270. For Sale: Keyer for ICOM 735

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-12 00:00:00 UTC
From: "dave . n7da" <dazan@teleport.com>
Message-ID: <4i2krk$50n@nadine.teleport.com>
Source record: 204670
Cross-posted to: rec.radio.swap,rec.ham-radio.swap,rec.radio.amateur.equipment

Like new $50.00 I ship

3271. Re: wanted Rubber Duckies

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-12 00:00:00 UTC
From: mitch@primenet.com
Message-ID: <31457a5d.5886883@news.primenet.com>
Source record: 204671

szhall@boris.ucdavis.edu (Jeff Hall) wrote:

> I have lost all my rubber duckies somewhere and now I must start all
>over again...I need a 2 meter and a 2meter\440 rubber duckies...Thanks..Jeff

You can find what you need at stores like Ham Radio Outlet and Amateur
Electronics Supply, or order from Centurion direct.
Bill
N0EVG

3272. GrandFather left 2 Garages full of Stuff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-12 00:00:00 UTC
From: moore@isd.upmc.edu
Message-ID: <4i49qb$jpt@usenet.srv.cis.pitt.edu>
Source record: 204672
Cross-posted to:
rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.swap

GrandFather passed and left 2 garages full of stuff.

GrandMother wants rid of it.

If interested call 1 800 996-2971

Thank You

3273. Re: Learn C/C++ programming on Win95

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-12 00:00:00 UTC
From: Mike James <msj@best.com>
Message-ID: <3145D406.73@best.com>
Source record: 204673

What does this have to do with Amateur Radio Equipment?

3274. Yaesu FT-8500 MARS/CAP Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-12 00:00:00 UTC
From: "Bruce J. Howes" <kb2vkj@amsat.org>
Message-ID: <31463FC2.481A@amsat.org>
Source record: 204674

If anyone out there has the MARS/CAP mods for this radio I appreciate a
email to kb2vkj@amsat.org.

73,
Bruce KB2VKJ

==
Bruce J. Howes KB2VKJ "The governmentï¿½s view of the economy
Grid FN03pa could be summed up in a few short phrases:
East Amherst, NY If it moves, tax it. If it keeps moving,
AMSAT#30466 ARRL regulate it. And if it stops moving,
ARMY-MARS AAR2AJ/T subsidize it." -Ronald Reagan
==

3275. Re: WTB reasonable VHF 16 Channel + Scan

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-12 00:00:00 UTC
From: mitch@primenet.com
Message-ID: <3145799b.5692565@news.primenet.com>
Source record: 204675

asterix <asterix@usa.nai.net> wrote:

>Looking to buy a sixteen channel scanning HT in the 160 MHz range
>like the Motorola HT-1000 or similar
>
>or need adress for Dealers with second hand units in good condition
>
>Looking for a Reasonable price not New book value !!
>
>asterix@usa.nai.net

Due to the fact that the HT-1000 is a new model, I doubt that you
will find one at a "reasonable price." This unit replaces the MT-1000
which you might find at better prices.
Good Luck,
Bill
N0EVG

3276. Re: DUAL BAND MOBILE - opinions wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-12 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar12.184735.17429@ke4zv.atl.ga.us>
Source record: 204676

In article <bud-1103960925580001@198.104.162.34> bud@northstar.k12.ak.us (Bud Kuenzli) writes:
> I am looking to get a dual band mobile that I can use as a "repeater"
>(cross band) for my 2 meter radio so I can get out more power.
> It must have a backlit dtmf pad mike and cross over both ways (2m to
>70cm and visa versa)...at least I think some do this and some don't.
>Currently I only own a 2meter and my main desire for this is so I can use
>it when I am away from my car to get further out than my ht will allow.
> Here in Alaska we are in darkness a great deal so the backlit pad is
>critical. Intermod problems are few in Fairbanks, so although that is a
>consideration, it is not the overriding consideration.
> Any opinions?

My old Alinco 570T works great in this manner, and you can probably find one cheap. It doesn't have a backlit DTMF mike, though, but you can change that by using another mike. It's real easy to operate strictly by feel, however, so that really isn't necessary. That's probably a good idea with any radio you may have to operate in the dark. If you can't operate it easily by feel, its controls are laid out poorly. The 570T has a switch on the top that puts it in and out of crossband repeat, no secret codes you have to remember, or odd combinations of keypresses and power cycles.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3277. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-12 00:00:00 UTC
From: tom_boza@ccm.ch.intel.com
Message-ID: <4i49j8$15hf@chnews.ch.intel.com>
Source record: 204677

So which would be more power efficient, torroid or cap/coil
type antenna tuner or tank circuit?

3278. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-12 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4i51d7$gir@crash.microserve.net>
Source record: 204678

tom_boza@ccm.ch.intel.com (WB7ASR) wrote:

>So which would be more power efficient, torroid or cap/coil
>type antenna tuner or tank circuit?

Neither is more or less efficient under all conditions. It depends on
the feedpoint impedance and design of the components.

73,
Jack WB3U

3279. Kenwood TM 733A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-12 00:00:00 UTC
From: Jose <inrodeo@guate.net>
Message-ID: <3145455A.3879@guate.net>
Source record: 204679

Hi,
Anyone knows how to expand the frequency range of this radio?,
I have info. of other radios available.
Thanks

3280. Icom 706 question - tuning?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-12 00:00:00 UTC
From: jones@San-Jose.ate.slb.com
Message-ID: <4i2i1f$mp1@k9.San-Jose.ate.slb.com>
Source record: 204680

A few months ago I purchased an Icom 706, but haven't had a lot of time to use it.

One thing I haven't figured out yet: is there a way to get it to "turn on the carrier" so that I can adjust a manual tuner? The "tune" button seems to only work for auto-tuners (and only ones with "Icom" on the nameplate :-( ).

Plugging in the key and switching to "CW" mode isn't all that convenient, but it is the only way I've found so far.

Clark

--
Disclaimer: The opinions expressed above are mine and not those of Schlumberger because they are NOT covered by the patent agreement!

Phone: (602) 345-3638 Internet: jones@San-Jose.ate.slb.com
Packet:(not currently available) RF: KI7TU ICBM: 33 20' 44"N 111 53' 47"W
Snail: Clark Jones, Schlumberger Technologies, 7855 S. River Pkwy #116, Tempe, AZ 85284-1825

3281. GAP Voyager DX vertical antenna.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-12 00:00:00 UTC
From: vfiscus@mcn.net
Message-ID: <4i2h8i$r80@news.mcn.net>
Source record: 204681
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

Is the GAP Voyager DX a good vertical ?

3282. Kenwood TH-79a(d) New Owner Questions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-12 00:00:00 UTC
From: Jeff Goebel <jgoebel@rrnet.com>
Message-ID: <4i4m41$8oh@news.rrnet.com>
Source record: 204682

I just purchased a Kenwood TH-79a(d) this weekend at a hamfest and have a few questions.

1) Is there any way to scan both Vhf & Uhf at the same time on one band?

2) I was disappointed to discover that the battery could only be charged in the radio--does Kenwood or any one else make a holder for charging. (I don't want to buy a quick charger)

3) I did the expanded RX mod and am wanting to scan 300-400 mhz military air band. How do I choose AM modulation for this band?

4) Can the battery be charged-for how long- or be damaged by having a battery in while running the radio on 13.8 vdc?

I realize that these are simple questions but they don't seem to be answered by the manual.

Thanks for you replys,

Jeff Goebel N0VHB
jgoebel@rrnet.com

3283. Re: BEWARE OF DEALING WITH DERRICK HALL, SEAT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-12 00:00:00 UTC
From: batwing@digital.net
Message-ID: <4i2i4e$jn8@ddi2.digital.net>
Source record: 204683
Cross-posted to:
rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,alt.radio.scanner

Nope, not mail fraud when using a common carrier, ie UPS/FEDEX.

Recommend you contact them...last time I had a problem, UPS had an investigator at the house the next day

Doug

3284. WTB:Tuning Eye Gear

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-12 00:00:00 UTC
From: Jim Dillon <Beadgal@PTIALASKA.NET>
Message-ID: <4i490b$8c7@news.dgsys.com>
Source record: 204684

Hello All-
I am looking for receiver like National NC-100X (has green eye,
0-500 PW dial instead of dial scale), Hallicrafters Super Skyriders
SX-9/10/11, RCA ACR-111. Also Gonset Communicators w/eye and CD
yellow. Jim Dillon WL7CMQ beadgal@ptialaska.net (907)586-3223

3285. Re: Ham Stores in NYC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-12 00:00:00 UTC
From: jbaltz@news.cs.columbia.edu
Message-ID: <4i4diq$dbl@tune.cs.columbia.edu>
Source record: 204685

In article <8BC91A7.00270032E3.uuout@hobbs.com>,
ROLAND STINER <roland.stiner@hobbs.com> wrote:
>To: midgard@nycmetro.com
>M> Howdy from another New Yorker. I am fairly clueless tho, just getting into
>>hobby.

>Then take this advice, stay away from Barry Electronics!

Actually, go to Barry's to look at and feel the equipment, see what's out
there in person, and then purchase from one of the vastly cheaper
mail-order houses. If you insist on store-front, get a price quote from one
of the above-mail-order houses and demand that Barry's meet the price.

As well, for things with the prices printed on them (e.g. ARRL books),
and for small (<$30) items, the NYC sales tax + subway token is cheaper
than shipping from a mail-order house.

> OLX 1.53 --------------> 73, de NK2U <----------------

//jbaltz
--
jerry b. altzman Entropy just isn't what it used to be +1 212 650 5617
jbaltz@cs.columbia.edu jbaltz@scisun.sci.ccny.cuny.edu KE3ML

3286. Re: Good set of headphones

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-12 00:00:00 UTC
From: Bill <debral@falcon.cc.ukans.edu>
Message-ID: <1996Mar12.164819.115895@kuhub.cc.ukans.edu>
Source record: 204686

I picked up a set of KOSS PRO/4AA headphones at a garage sale, and would like a few opinions on how these would work for ham use.

73s

Bill
AA4FM/0
Eudora, Kansas, USA

3287. Final Tubes: 6146 vs. S2001

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-12 00:00:00 UTC
From: dubner@spk.hp.com
Message-ID: <4i4mmt$7da@hpcvsnz.cv.hp.com>
Source record: 204687

My Kenwood TS-820S came with a pair of S2001 tubes in the final. They look suspiciously like 6146s. What's the difference -- anyone know?

Thanks and 73,
Joe, K7JD

Joe Dubner K7JD | Hewlett-Packard Company | dubner@spk.HP.COM
| 24001 E. Mission Avenue |
| Liberty Lake, WA 99019 | +1 509 921-3514

3288. Heath DX-20 Manual/Schematic

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-12 00:00:00 UTC
From: jkh@meaddata.com
Message-ID: <4i3vse$krl@meaddata.lexis-nexis.com>
Source record: 204688

I'm looking for any documentation for the Heathkit DX-20 xmtr. Including schematic, construction manual, etc. Copies would be just fine. If you have any of these I would appreciate hearing from you. Thanks.

John Heck
Dayton, Ohio

3289. 40m Qrp, kit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-12 00:00:00 UTC
From: bb@tisc.titan.com
Message-ID: <199603130146.RAA01963@calvin.cns.tisc.titan.com>
Source record: 204689

There was a evaluation of qrp kits by i believe 73 this month. One of
the kits, a 40 meter xciver was available to their club members only.
I beleve the club was the bay area DX club.
Does any one know where to get the kit? and /or join their club?
Bill
KC6YOX
(619) 4334626
bb@tisc.com

3290. Telereader CWR 670E

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-12 00:00:00 UTC
From: Pcosta@netway.it
Message-ID: <4i3n1j$753@dns1.IT.net>
Source record: 204690

Hallo everybody!
I' m searching for informations and instruction manual of an old
telereader.
The only informations I have are: Telereader CWR 670E.
Please help me.
Send all you know about to Pcosta@netway.it
73 73 73 73 de I8USE Paul

3291. FS:Motorola pp1000x

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-12 00:00:00 UTC
From: qualcomm@netzone.com
Message-ID: <qualcomm.1.002AD5E7@netzone.com>
Source record: 204691

I have 10 Motorola Privacy Plus 1000x's for sale if interested please email me.
Thanks,
Gary
qualcomm@netzone.com

3292. Wanted: Kenwood TS520SE manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-12 00:00:00 UTC
From: desira <desira@qnet.com>
Message-ID: <4i3oug$ncm@mandolin.qnet.com>
Source record: 204692

This manual is no longer in print. Does anyone have one that
can be copied. I am looking for the operating and tech manual.

Thanks, Doc
KF6CAD

3293. NiCad vs. GelCell for 12V 4AH batt'y

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-12 00:00:00 UTC
From: dgf@netcom.com
Message-ID: <dgfDo4sJD.54n@netcom.com>
Source record: 204693

I want to build a rechargeable battery for a portable transceiver. My options are either NiCad (a string of "D" type cells) or some kind of Gel Cell arrangement. I'm most concerned about getting maximum energy/weight ratio (inclusive of a charger) and maximum peak current (it will be for a 100W class rig); cost is less important (I'm only building one unit).

Suggestions?

73 Dave WB0GAZ dgf@netcom.com

3294. Re: Uniden HR2600 mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-12 00:00:00 UTC
From: Randall Rhea <randall@informix.com>
Message-ID: <3145F4A1.4FA3@informix.com>
Source record: 204694

RH wrote:
>
> Looking for mod for Uniden HR2600 to open up 11m band.
> Thanks Ron

The only way I know of is to buy a Chipswitch. They advertised in ham
magazines. They are out of Santa Rosa, California. I do not know if
they
are still in business.

They sell a replacement microprocessor for the 2600. I found it to be
very
difficult to install correctly. It does open up the unit to 11m, and it
adds more memories.

The 2510 can be modified, but not the 2600. Hence the 2510 tends to be
more popular.

--

=-=
Randall Rhea Systems Engineer
Informix Software randall@informix.com

3295. Re: (no subject)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar13.185635.22968@ke4zv.atl.ga.us>
Source record: 204610

In article <4i5stc$31m@sol.ccs.deakin.edu.au> Barry Brazier <barryb@deakin.edu.au >
writes:
>Is it possible to buy a HF/SSB radio that can be used for Marine and ham
>frequencies 2000 to 30000 . How much would a suitable secondhand radio
>cost. How does that compare to buying to separate marine and Ham radios

SGC has one, expensive and a bit clunky by amateur standards, but it'll
do what you want. They have a nice matching autotuner (also expensive).
I've heard, but haven't seen, that they have a new control head for their
radio that's much better for amateur use (has a tuning *knob* instead of
buttons).

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3296. Re: In Band Repeat Mod for HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: scam@siu.edu
Message-ID: <scam-1303961346360001@port177.aixdialin.siu.edu>
Source record: 204611

In article <4i6lp3$ahd@nw2.netwalk.com>, "Rick, AA8VQ" <RT0@GANET.NET> wrote:

> Anyone heard of a mod for in-band repeat operation of a dual band HT? I don't remember which
> radio, ICOM, I think. Without doing rework to the duplexer cabvity system, how could one do this
> without desense or other problems?

A few years ago, there was an unfounded rumor that the Kenwood TH78 could do it, but there is no HT that can do "in- band repeat" operation. Given the fact that it's often difficult to get sufficient isolation with a multi-cavity duplexer, common sense would seem to indicate that with the selectivity most HTs exhibit, in-band repeat operation would be a pipe dream.
73,
Scott

Scott A. Manthe, N9AAT "There is no reason for any individual
E-MAIL: scam@siu.edu to have a computer in their home."
Protect your privacy, Kenneth Olsen, President,
use PGP. Digital Equipment Corporation, 1977

3297. Re: TenTec Triten IV for Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <Do7E37.JyA@iglou.com>
Source record: 204612

I'll take it.

Joseph Clarke (ERNS96A@prodigy.com) wrote:
: For Sale

: TenTech Triten IV. Mike and manual included. Good shape.
: $175 takes it. Post replies here.

: Joseph

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

3298. Modifications for Yaesu FT-2500M

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: tculin@teleport.com
Message-ID: <4i7at5$mro@nadine.teleport.com>
Source record: 204613

Does anyone know if the out of band mods for the FT-2400H are the same as the FT-2500M? If they are not does anyone have a source for the 2500 mods? Thanks in advance.

3299. Re: Good set of headphones

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4i7coh$n7s@crash.microserve.net>
Source record: 204614

Bill <debral@falcon.cc.ukans.edu> wrote:

>I picked up a set of KOSS PRO/4AA headphones at a garage sale, and
>would like a few opinions on how these would work for ham use.

If I remember correctly, those were low impedance (8 ohms?) phones with fairly large driver assemblies. The latter is exactly what's needed to withstand the rigors of ham radio. Unfortunately, I think they were also about the same weight as an '89 Hyundai.

Try wearing them for an hour, then measure your height. If you haven't lost half an inch, I'm thinking of a different model. ;)

73,
Jack WB3U

3300. Re: GrandFather left 2 Garages full of Stuff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: jmac@gti.net
Message-ID: <4i7bhi$lvj@gti.gti.net>
Source record: 204615
Cross-posted to:
rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.swap

James Moore (moore@isd.upmc.edu) wrote:

: GrandFather passed and left 2 garages full of stuff.

: GrandMother wants rid of it.

: If interested call 1 800 996-2971

: Thank You

Well...what stuff?

--Scott--

3301. WTB Yaesu

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: ac032@freenet.hamilton.on.ca
Message-ID: <4i6p7j$7f8@main.freenet.hamilton.on.ca>
Source record: 204616

I am looking fora recent vintage Yaesu 2 metre mobile rig - if it haas a base 13 voly supply all the better. detaisl to this board although I shall be away from the 16th to 30 March

Geoff

--

3302. Compare Rig Prices TODAY-->http://www.csz.com/sarrio.html

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-1303961238570001@host20.cyberg8t.com>
Source record: 204617

The Raymond Sarrio Company's Ham Radio WWW site is proud to announce a FREE Ham Radio classified advertising page at http://www.csz.com/sarrio.html.

This new classified section will allow Hams to search for equipement with the help of a search engine--no need to scroll through 100's of listing before you find that special piece of gear. Plus, when you find the gear your interested in, each listing comes with point-and-click e-mail access, direct to the Ham that listed the item.

For those Hams with gear to sell, take note! It is absolutely FREE to list your equipment within Ham Classifieds, and there will be no posting time delays. Your posting will go on-line, in our classified search engine, immediately. All you need do is fill out a simple forms page, and upon its (point-and-click) submission, your "For Sale" advertisement is on-line within 1 hour. I will be purging the classified listing initially about once every month, but that timeline will shorten as our classified numbers go up. Give it a try, and let me know how you like it. 73's Ray
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront on tth WWW at http://www.csz.com/sarrio in association with Brillar Enterprises http://win-win.com/brillar an Extensive Discount CD-Rom Catalog!

3303. HELP....KPC-3 to HP 700/92

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: mage42@ix.netcom.com
Message-ID: <4i7e30$5js@cloner3.netcom.com>
Source record: 204618

Sorry to bother everyone here. I am attempting (Please note the term used) to connect my KPC-3 to an HP terminal. They connect but don't talk to each other. Any ideas? Email me at mage42@ix.netcom.com

3304. Re: PC to FT-51R Interface Cable

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: sparkfel@primenet.com
Message-ID: <31479b5f.6649495@news.primenet.com>
Source record: 204619

On Sun, 3 Mar 1996 07:57:20 GMT, lui@netcom.com (Stephen Lui) wrote:

>Can I construct a PC to FT-51R interface cable with just DB-9 connector, a
>1/8" stereo phone jack, and some cable? Does anyone have a wiring diagram?
>I plan to use the cable with EZ Clone, and the cost is the software is $15
>less w/o the cable.

It isn't that simple. I pulled the hood off my ADMS-1 cable and there are several discrete components inside, including a DIP chip. It is my assumption that this is a TTL converter. Spend the 15 bucks, it would probably cost you more in components and effort to try and make your own cable. I just made a custom interconnect for two (supposedly) DDC compliant products, an STB Video card and an Iiyama monitor--that wouldn't talk to each other. Total cost was over ten bucks for two high density 15 pin d-subs, a double-ended hood, solder, and jumper wires. Not to mention the two electronic component stores I had to visit -- a round trip of over 50 miles, plus my time. My boss would of gladly paid 15 dollars for the same thing delivered to our office door.

>
>The Yaesu newsletter said a clone cable can be made from two stereo 1/8"
>phone plugs and some cable.

Correct. But the radio was designed to do this.

I hope this helps.

73 .

Mark Fellhauer KC7BXS
sparkfel@primenet.com.

3305. I buy used 2-way radios

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: qualcomm@netzone.com
Message-ID: <qualcomm.2.000D48D8@netzone.com>
Source record: 204620

I will buy just about any kind of used commercial two way radios.

Email me with the make and model and quantity and I will shoot a quote back to

you.

If needed call me at 602-649-1540 ask for Gary.

Thanks,

Gary

3306. Mailing list

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: rdoman@ix.NETcom.COM
Message-ID: <199603130538.VAA00100@ix13.ix.netcom.com>
Source record: 204621

Please put me on your ham equipt. mailing list. Thank You
Michael Chodrick
KF6BBC
RdoMan@ix.netcom.com

3307. Yeasu FT-530 poor tx output??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: Jeff Goebel <jgoebel@rrnet.com>
Message-ID: <4i5c4r$332@news.rrnet.com>
Source record: 204622

I have a Yeasu FT-530 which seems to have very low TX output. With the supplied battery (7.2v 600mah) it puts out 1w on UHF and 2W on VHF. On 13.8v it runs 2 watts UHF and 3 watts VHF.

I wouldn't have noticed so much but I just bought a new TH-79 and it puts out 2+ watts UHF with the supplied 6 volt battery.

Can anyone shed light on this? Any adjustments that I can try?

Thanks,

Jeff Goebel N0VHB
jgoebel@rrnet.com

3308. TenTec Triten IV for Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: ERNS96A@prodigy.com
Message-ID: <4i5dcc$14jm@useneta1.news.prodigy.com>
Source record: 204623

For Sale

TenTech Triten IV. Mike and manual included. Good shape.
$175 takes it. Post replies here.

Joseph

3309. HELP!! NEED service manual for TAC TEC transceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: ke6tgn@ix.netcom.com
Message-ID: <4i5q21$6tr@cloner2.ix.netcom.com>
Source record: 204624
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.swap

I need a service manual for a TacTec (RCA) #MJAW2-EC21G.

Thanks!

John
KE6TGN

3310. FS: Kenwood TS-780 All-Mode VHF/UHF 00

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: "Ron N8LMT"
Message-ID: <4i887a$rqn@doc.zippo.com>
Source record: 204625

mint condition, original box, mc-42s 8pin hand-mic, manual, ac & dc power
cables.. $600.
email n8lmt@greatlakes.net or ph 810-679-3535
73, tnx

3311. Kenwood TS-50S for commercial use?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: c-three@telepost.no
Message-ID: <4i67up$l62@nms.telepost.no>
Source record: 204626

Does anyone know how I can "open" my TS-50S so it will transmit on any
frequency (not just amateur bands)? Will this also still allow it to
be used in connection with the AT-50 automatic antenna tuner?

Please reply via e-mail: c-three@telepost.no

Thanks & regards,

Per-Tore
LA7NO

3312. drake or galaxy

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: rocky@inland.net
Message-ID: <4i68bn$j3s_001@ts1p4.inland.net>
Source record: 204627

need a power supply for one or both of these units if you have one or both or know where I could aquire one please let me know..For my father. If you need a call sign let me know and I will supply one

3313. ICOM IC2410H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: zr6kil@ilink.nis.za
Message-ID: <4i7na2$flj@ilink3.nis.za>
Source record: 204628

Hi, I want to find out what modification has to be done to my rig to enable it to do cross-band repeater work. All inputs welcome !

3314. (no subject)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: Barry Brazier <barryb@deakin.edu.au>
Message-ID: <4i5stc$31m@sol.ccs.deakin.edu.au>
Source record: 204629

Is it possible to buy a HF/SSB radio that can be used for Marine and ham frequencies 2000 to 30000 . How much would a suitable secondhand radio cost. How does that compare to buying to separate marine and Ham radios

3315. Re: Final Tubes: 6146 vs. S2001

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4i5u3a$kiq@crash.microserve.net>
Source record: 204630

dubner@spk.hp.com (Joe Dubner) wrote:

>My Kenwood TS-820S came with a pair of S2001 tubes in the final.
>They look suspiciously like 6146s. What's the difference -- anyone
>know?

The only difference is that the S2001 was made in Japan. BTW, I think
they're actually the equivalent of the 6146B.

73,
Jack WB3U

3316. RFC/ HAL Communications P38

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: quasar@cts.com
Message-ID: <quasar.161.3146615A@cts.com>
Source record: 204631

I am requesting comments regarding the Hal Communications Corporation's P38 H.F. DSP modem. I am planning to use this with my Kenwood TS850S/AT. Any particulars to be aware of; such as ACC2 connections?

Thank you for your replies.

Steve in San Diego, CA

3317. (no subject)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: "Michael E. Pinault" <mikepi@on-ramp.ior.com>
Message-ID: <4i5ppc$to0@express.ior.com>
Source record: 204632

I have 2 Motorola power amps for 1.8-2.3 GHZ -24 volt operation and am looking for schematics/info: Numbers are MU594-12 and MLG1003A. Any help would be greatly appreciated.
--
Mike Pinault --- N3CEV/7 | Anything under 50 MHZ must be DC!!!
Near Spokane "Spo-can" Washington |
Locator DN17fl |

3318. Re: DTSS and Repeat on Kenwood TM-742A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: alf@kaiwan.com
Message-ID: <FnZHnClg1Gb5068yn@kaiwan.com>
Source record: 204633

In article <313A6914.4C92416E@pop.net>, Mark Feit <mail08216@pop.net> wrote:
> Hey all...
>
> Had anyone had any luck using DTSS and cross-band repeat at the same
> time on a TM-742A? I have a channel set up on one band in DTSS mode,
> and it works just fine in both directions when not linked to another
> band. Once I put the radio into repeat mode, the DTSS tones are heard
> over the speaker when the transmitter keys up, but they don't go out
> over the air.
>
> This wouldn't normally be a big deal since I only want to code-
> protect inbound signals, but the HTs I want to use remotely can't be
> set up to transmit the DTSS code on transmit and open the squelch
> in the presence of only a carrier.
>
> For now I'll solve the problem by using a dual-band HT and listening
> for the other station there. If anybody's got any other suggestions,
> they'd be welcomed.
>
> TNX ES 73
> - Mark, KR4FH ___._.

I have a 742 and use the repeat mode rather often. I would be glad
to exchange notes.

My understanding is that the main use of DTSS in repeat mode is
to enable facilitate control. There are two types of repeat mode
available: non-remote repeat and remote controled repeat. In
addition, each of these modes can operate two way repeat or one
way repeat.

If you describe the exact circumstance of your repeat operation, i.e.
what are the signals (far end other party, 742 repeater, near end
remote HT,) and which links you want to protect, I will see what I
would do for the situation and get back to you.

73,

Alfred Lee alf@kaiwan.com
KE6KGV 'The answer is (e^i&#65533; + 1) ? "No" : "Yes"'

3319. WTB -- SHURE 404C MOBILE MIC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: Bill <debral@falcon.cc.ukans.edu>
Message-ID: <1996Mar13.163013.115939@kuhub.cc.ukans.edu>
Source record: 204634

Looking for a Shure 404C in excellent to mint condition.

73s

Bill
AA4FM/0
Eudora, Kansas, USA

3320. 40m Qrp, kit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: bb@tisc.titan.com
Message-ID: <199603132244.OAA13140@calvin.cns.tisc.titan.com>
Source record: 204635

There was a evaluation of qrp kits by i believe 73 this month. One of
the kits, a 40 meter xciver was available to their club members only.
I beleve the club was the bay area DX club.
Does any one know where to get the kit? and /or join their club?
Bill
KC6YOX
(619) 4334626
bb@tisc.com

3321. Yaesu FT-530 FS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: dwilso02@mail.coin.missouri.EDU
Message-ID: <Pine.SOL.3.91.960313115224.5874C-100000@coinc0>
Source record: 204636

I've got a Yaesu FT-530 for sale for $375. It's a very clean rig, not a scratch on it. About 1 year old. Still in box.

Drew Wilson
ARS KB0QIA
dwilso02@mail.coin.missouri.edu

3322. FS TS-140S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: victorj@fast.net
Message-ID: <4i6ire$pik@nn.fast.net>
Source record: 204637

FS KENWOOD TS-140S Mint, bought as back up rig. Very very little air time. have manual, mic and box.
Asking $700 and i will pay shipping.
Email victorj.@fast .net

3323. Help Identify Microwave Amps

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: "Michael E. Pinault" <mikepi@on-ramp.ior.com>
Message-ID: <4i5q2l$to0@express.ior.com>
Source record: 204638

I have 2 Motorola 1.8-2.3 GHZ -24 volt power amps numbers MU594-12 and
MLG1003A. Looking for schematics/info. Any help would be appreciated

--
Mike Pinault --- N3CEV/7 | Anything under 50 MHZ must be DC!!!
Near Spokane "Spo-can" Washington |
Locator DN17fl |

3324. Re: Icom 706 question - tuning?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4i6iik$akj@news.halcyon.com>
Source record: 204639

jones@San-Jose.ate.slb.com (Clark Jones) wrote:

>A few months ago I purchased an Icom 706, but haven't had a lot of time
>to use it.

>One thing I haven't figured out yet: is there a way to get it to "turn
>on the carrier" so that I can adjust a manual tuner? The "tune" button
>seems to only work for auto-tuners (and only ones with "Icom" on the
>nameplate :-( ).

>Plugging in the key and switching to "CW" mode isn't all that convenient,
>but it is the only way I've found so far.

Put the 706 into RTTY or FM or lastly AM mode. All key a dead carrier
when the Mic PTT is pressed. I use FM mostly for tuner adjustments,
although RTTY works just fine. The tuner button is for using ICOM
tuners only.

Gary

3325. Re:900Mhz Mobile for Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: Ken Yu <ak165@lafn.org>
Message-ID: <3147CEDD.2BAC@lafn.org>
Source record: 204640

>I have few Motorola Spectra B7 900Mhz Trunk/conv mobile radio for sale
>You can contact me via e-mail or call 1-818-288-9728 **John or Ken**

3326. Re: Kenwood TH79A vs. Yeasu FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: Jeff Goldman <75162.2371@CompuServe.COM>
Message-ID: <4i569b$9n6$1@mhadg.production.compuserve.com>
Source record: 204641

Try the high end Alinco if you want good intermod rejection.

3327. Dentron Linear

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: davidc@scoot.NETis.COM
Message-ID: <01BB10B0.429B8EC0@dns.netis.com.198.186.186.2>
Source record: 204642

Date: 6 Mar 1996 20:06:36 GMT
From: a032623t@bcfreenet.seflin.lib.fl.us (Kris Cordova)
Subject: Looking for Information about Dentron Linear

>>> Which One? David AA1FA

Kris Cordova
a032623t@bcfreenet.seflin.lib.fl.us

3328. For Trade Pro-26 Scanner

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: stevej@eastky.com
Message-ID: <4i796l$md2@netnews.mis.net>
Source record: 204643

I have Pro-26 Hand Scanner that I'd like to trade. It cover 25-1300 Mz and has 200 channels. It's like
new with the manual and box. I'm looking to trade it for a used dual-band HT or new 2-meter HT.
Kenwwod, Icom, Yaesu or Standard only. Thanks Steve KF4FIO

3329. Re: GrandFather left 2 Garages full of Stuff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: wx8l@vtc.tacom.army.mil
Message-ID: <4i5btf$16a@vtc.tacom.army.mil>
Source record: 204644
Cross-posted to:
rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.swap

In article <4i49qb$jpt@usenet.srv.cis.pitt.edu>,
moore@isd.upmc.edu (James Moore) wrote:
>
> GrandFather passed and left 2 garages full of stuff.
>
> GrandMother wants rid of it.
>
> If interested call 1 800 996-2971
>
> Thank You
>

Does this reek of spam or what!

Sean

3330. Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: munga@quicklink.com
Message-ID: <4i6uuf$i4q@news.quicklink.com>
Source record: 204645

I am looking to buy my son a radio. I have a friend who has a old Yeasu FT101-ex, and I saw a ad for a FT-840. Could someone e-mail me with info as to which is the better radio and why? Thanks :)

3331. wtb: allied, lafayette, and heathkit catalogs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: rew5808 <bwilder@reallink.com>
Message-ID: <4i7na2$e41@ferengi.prismnet.com>
Source record: 204646
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.cb

looking for some hams to help me locate electronics catalogs from the mid 50's to mid 60's.

especially ALLIED ELECTRONICS, LAFAYETTE RADIO ELECTRONICS, and heathkit.

as a sidelite, i would also like to acquire a built or unbuilt 100mw "Knight Kit" CB walkie talkie (from Allied Electronics i think). It is from about 1959 or 1960, case is blue, 4-transistor.

any help?????

bobby wb5wur

3332. portables for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: qualcomm@netzone.com
Message-ID: <qualcomm.4.0024FC57@netzone.com>
Source record: 204647

I have the following portables for sale:

UHF
10 Standard HX320 4 channel 5 watt $60 each
2 Motorola HT90 2 channel 5 watt $100
9 Uniden 10 channel Synthesized pl/dpl $ 125 each
VHF
1 GE MPD 48 channel pl/dpl 5 watt $150
1 Motorola 2 channel HT50 5 watt $100

I have more if you need something let me know and I will find it .

Email me or call 602-649-1540 ask for Gary.

Thanks,

Gary

3333. FS Mint Yeasu FT-736R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: tlifland@aol.com
Message-ID: <4i7q8s$s2m@newsbf02.news.aol.com>
Source record: 204648

Have a mint Yeasu FT-736R with FT-8 Tone Unit installed. 2Mtr and 450
modules.
$1,450.

3334. Re: calling all htx-100 users..calling all.....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: Garth Wiscombe <garth@alinc.com>
Message-ID: <4i5g18$jsc@newsNewSnews>
Source record: 204649

```
--
<BAACK@MAINE.MAINE.EDU> wrote:
>Hello there I just picked up a HTX -100 and I had a couple of questions.

>
>1. Are the leds supposed to light up on transmit as well as recieve?
>
My owner manual says "Five LEDs function as an RF Power meter to indicate
the relative transmission output power in the transmission mode, and as a
signal meter to indicate the relative strength of the received signal in
the reception mode.
>
>2. How do you measure the SWR with this radio, the meter I have wants to
>measure AM signal strength, and when I select CW from the mode button, and
>depress the ppt or the trans switch, nothing moves on the scale...?
>How do I measure the SWR?
>
I set mine up in the cw mode and use the TX/RX switch set to TX to send a
carrier that the meter can read (external SWR Meter).

I hope this helps...
>Thanks for all the help in advance,
>Jason N1RWY FN54VF

++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
* * * * *
Garth Wiscombe, KA7MHN /\ /\ * * / / / Office 801 265-5057
Salt Lake City / \/ \ /\ ----/\--- Cellular 801 631-8675
Utah 84119-6032 /\ \ \ \ / / || / Home 801 967-3236
USA / \ \ \ \ || FAX 801 967-3268
/ \ \ \ \ || E-mail garth@alinc.com
73 de Garth KA7MHN

++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
```

3335. Wanted: Catalog of used radio gear and specs...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: paul_butterfield@wb.xerox.com
Message-ID: <NEWTNews.826752775.19960.Pbutterf@butter-pc.ess.mc.xerox.com>
Source record: 204650

Does anyone know of an on-line reference or a printed catalog that would give would-be buyers of ham radio gear info on older radios? I am in the market for a 2m all-mode, but currently have no way of knowing what make/models have been manufactured or what the capabilities of a particular model might be. For example, what frequency range, what modes, what power, what sensitivity, what selectivity, what # of memories, repeater splits or not, CTCSS or not, DTMF or not, etc. A book would be fine, but an Internet resource would be even better. Does anyone know of such information?

Signed,
KB2TCG in Fairport, NY
Paul_Butterfield@wb.xerox.com

P.S. STILL LOOKING FOR THAT 2M ALL-MODE...

3336. Icom Delta 1A Information Sought

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: scam@siu.edu
Message-ID: <scam-1303962033380001@port135.aixdialin.siu.edu>
Source record: 204651

I'm wondering if anyone who has a Delta 1A could e-mail me their impressions of the rig? I'm thinking about picking one up now that the price has come down and am interested in this rig's performance and features. I'm especially interested in intermod rejection, frequency coverage (early vs. later, post ECPA, models), it's relative size and battery life. I'd be interested in anything else anyone might consider useful, too.
I'd prefer responses via e-mail, but I do read the news occasionally, so that'd be OK, too.
Thanks in advance,
Scott

Scott A. Manthe, N9AAT "There is no reason for any individual
E-MAIL: scam@siu.edu to have a computer in their home."
Protect your privacy, Kenneth Olsen, President,
use PGP. Digital Equipment Corporation, 1977

3337. Re: Wanted: Catalog of used radio gear and specs..

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: fedpress@omnifest.uwm.edu
Message-ID: <4i81hk$j7t@omnifest.uwm.edu>
Source record: 204652

di-dah Publishing Co., Box 7368, Nashua NH 03060-7368 was offering a $50 software package consisting of an index to articles appearing in QST, CQ, 73, Ham Radio, and Radio Communications (Britain) from 1909 - 1990 for $50, including a 50 page manual. That would include, of course, equipment reviews.

Also, the ARRL sells two volumes of a "Radio Buyer's Sourcebook" consisting of QST equipment reviews.

73,

Rick WB9GYT

3338. WTB: Yaesu FT-101ZD Accessories

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: Darryl Ponder <Darryl_E_Ponder@aud.alcatel.com>
Message-ID: <31478C96.19BB@aud.alcatel.com>
Source record: 204653

I am looking for any and all accessories for the old Yaessu FT-101ZD radio including: AM(PB-2040) or FM(PB-2218) plug-in modules, SP-901P external speaker/phone patch, FV-901DM external digital VFO, , FTV-901R transverter, or FL-2100Z amplifier.

If you are intersted in selling or can suggest where I could find these accessories, please send me an E-mail. Equipment does not have to be in working order.

Thanks!

Darryl
KE5SU

darryl_e_ponder@aud.alcatel.com

3339. Samplex Power Supplies?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: cdorn@gpu.srv.ualberta.ca
Message-ID: <4i56t0$19cc@pulp.ucs.ualberta.ca>
Source record: 204654

Hi,
Looking around for a supply for my Icom 745, and have been considering the Astron 20A (16Acontinuous), or the Astron 35A. Is the Astron 20A sufficient for the 745? I know it would be nice to have the 35A supply, but money is a factor. Also, when I was in my local Ham shop they were offering Samplex supplies in addition to the Astrons. Anyone know anything about these supplies. I see that they are made in China, and are less expensive than the Astrons, but are they any good?
Thanks,
Chris VE6RDC

3340. Yaesu FT-11R ... anyone use this radio?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: bspring@tiac.net
Message-ID: <4i55f3$dqv@sundog.tiac.net>
Source record: 204695

Hello all,
I was wondering if anyone has used or owned the Yaesu FT-11R HT?
Because of the great advice I received from other hams from this newsgroup,
I have decided to get an HT. Had a few questions:
Any significant intermod problems? Batt problems? Can I use an external
mike, antenna, etc?

Thanks for any help!

73's...

- Bill
bspring@tiac.net

3341. Re: Midland GDO Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: subbustr@whidbey.net
Message-ID: <4i5fap$rmv@whidbey.whidbey.com>
Source record: 204696

Try the tech help at 1-800-MIDLAND.

subbustr@whidbey.net

3342. Re: Periphex Inc-still ar

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: dtse@intergate.bc.ca
Message-ID: <4i5u1k$12h@carrera.intergate.bc.ca>
Source record: 204697

In article <313E0427.34EF@trw.com>, alan.raskind@trw.com says...
>Mike,
>
>I (and I'm sure others) would like to hear about experiences regarding
>other HT battery suppliers (both good and bad), starting specifically
>with W&W Associates.
>
>How are their batteries?

I have ordered a CNB-153 clone from W&W after calling both Periphex and them.
It was because I was told their version was 12V 800mAH, and Periphex and
Standard
original are only 600mAH. I asked how they can do it and remain cheapest, the
sales lady told me that they use high quality cells and tried to make good
battery.
I also asked about the texture of the case if it matched with the radio, which
is
dull "textured" greyish metallic, they said it should be same as Standard.
When
I received the battery, it is ONLY 600mAH, I checked the catalog they sent in
the
box, no other models in 12V version. I called and they said they only had
600mAH.
The case is black and did not match, later I found even Standard doesn't
either.
Basically they either lied or confused about the capacity, which ticked me most
then.
I was using a small modified AC adaptor for charging thru the DC socket, the
rubber seal finally fell off and finally lost after I tried to put back a few
times.
I called and was told it could be done under warranty but I had to send it
back, they
cannot send me the rubber piece alone (and I might not be able to put it in
anyway.)

>Case quality and fit?

It doesn't fit Standard well at all, it moves around and I have to put 3 layers
of
masking tape to make it fit better on top of the guide/groves. I have since
dropped
it hard a few times, concrete and all, bottom part is a bit seperate but no big
deal,
though my radio case was broken where it holds the battery. A second pack of
7.2V

1100mAH CNB-152 doesn't fit any better at all. My friend's W&W for his Yaesu FT-530
fits better.

>Life expectancy?

Probably more than 2 years now, the 12V doesn't last very well, but I didn't bother
to test it fully. The 7.2V one has no problems. I think their cells are not too bad.

>Nicad memory?

I knew and read about this when nobody knows, now everyone knows and I now believe it
is greatly exagerrated. There are more serious problems than memory.

>What about their Master Charger I that uses "delta negative voltage
>detection" with the custom charging "cups"?

I bought one and I like it very much. It uses the Philips IC which uses above method, which is by far the most accurate to measure peak capacity detection. And
the replacement cup is good for changing radio.

>Does it work OK?

Amazing it can charge both 7.2V and 12V without any switches. It works very well,
my cellular battery charger is similar but I don't think it is as good as the Philips
IC in that I don't think it can trickle charge after peaked. My Norelco/Philips
electric shaver has the same LED pattern and I suspect they used the same chip.

>Does this charging method help improve the life of the battery?

Yes, it prevents them from being overcharged and yet you get fast charging.

>What about the quality of the cups and chargers themselves?

They fit well, and both well built unit, I like it better than their batteries. It is simple looking but very functional. I usually hate to spend so much for such a "simple" device (which I always thought I could have built it) but since I haven't built one, I have never regretted buying it, if you really want to have
a worry free charger.

>
>Info on any other suppliers?

Not much. Original batteries are expensive but you get better support.
>
>I'm sure that most of us will be very interested in these postings.
>

>Thanks, Alan, WA6AQC

If I were to buy the charger again, I'd buy the MasterCharger I+II or something like that, I just got another HT and I need another charger, the I+II have 2 cups and can rotate being fast and slow on either side, (but not fast on both same time.)

David Tse
VE7MDT
dtse@intergate.bc.ca

3343. Test

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: rms.mackie@easynet.co, uk
Message-ID: <4i4m9p$smk@lemon.easynet.co.uk>
Source record: 204698

[No readable article body recovered]

3344. FS: ICOM 220MHz Handheld

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: eyfilms@pacificnet.net
Message-ID: <4i5g1m$htc@news2.cais.com>
Source record: 204699
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

```
For Sale:

ICOM 220 MHz Handheld w/DTMF and Battery

Excellent for Autopatch

New condition.

Best Reasonable Offer plus Shipping.

Thanks,
-John
```

3345. Re: GrandFather left 2 Garages full of Stuff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: pacrimgolf@saba.kuentos.guam.net
Message-ID: <4i6thl$5c7@lehi.kuentos.guam.net>
Source record: 204700
Cross-posted to:
rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.swap

James Moore (moore@isd.upmc.edu) wrote:

: GrandFather passed and left 2 garages full of stuff.

: GrandMother wants rid of it.

: If interested call 1 800 996-2971

: Thank You

James,
Sorry to hear about your Grand Dad.
Regards,
Jim KH2D

3346. Re: RFC/ HAL Communications P38

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: Rolfe Tessem <rolfe@ldp.com>
Message-ID: <3146D0E3.39DF@ldp.com>
Source record: 204701

Stephen F. wrote:
>
> I am requesting comments regarding the Hal Communications Corporation's P38
> H.F. DSP modem. I am planning to use this with my Kenwood TS850S/AT. Any
> particulars to be aware of; such as ACC2 connections?

I've had one for several weeks, and am also using it with a TS850S/AT. I'm very pleased with it, and at the time I ordered it, HAL was including a copy of Express 3.5, which is an impressive piece of software and much nicer than the rather clunky software HAL produces itself. I've used it side-by-side with my PK-232 and there is simply no comparison -- the HAL blows it away.

It is a pain to wire the 13-pin ACC2 plug, especially since the pins are so closely spaced. I took the lazy way out and ordered a PK-232/TS850 cable from AES (which has the ACC2 plug on one end). I whacked it off about 8 inches from the connector, wired up the leads to one side of a terminal block, wired the cables from the P-38 to the other and was up and running in only a few minutes. (The connectors on the P-38 end are just 3 phono plugs and one Sony mini-plug.)

The only thing you could do better by wiring the connector yourself is to use the standby pin that cuts out the front-panel microphone connector when in transmit as opposed to the generic standby pin that is wired in the cable AES sells. This is not an issue when the radio is in FSK mode, since the front-panel microphone connector isn't active in this mode anyway. It's only an issue if you run AFSK, which you must do for Clover. All the other modes may be run in straight FSK. Of course, you can also simply unplug the microphone :-).

Rolfe
W3VH

--
Rolfe Tessem | Lucky Duck Productions, Inc.
rolfe@ldp.com | 96 Morton Street
(212) 463-0029 | New York, NY 10014

3347. Re: GrandFather left 2 Garages full of Stuff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: cjrobins@falcon.eag.unisysgsg.com
Message-ID: <4i6l9j$h3s@falcon.eag.unisysgsg.com>
Source record: 204702
Cross-posted to:
rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.swap

James Moore (moore@isd.upmc.edu) wrote:

: GrandFather passed and left 2 garages full of stuff.

: GrandMother wants rid of it.

: If interested call 1 800 996-2971

: Thank You

Could you at least tell us what state its in?

3348. Subject: IC-W31A Opinions Sought

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9603131541.AA04237@shelob>
Source record: 204703

Jack,
I just got an Icom W31A and it a real great radio on UHF. It has
great sensitivity on UHF receive from 410-512Mhz with no image responses
like I found in the Kenwood TH78A.
I got my TH79A(D) to receice above 470Mhz, but it has images like the TH78A
and gets real deaf above 500Mhz.
Also I was really considering the FT51R, but signals fro 480- 512 Mhz were
much stronger, and I was impressed. It was more sensitive than my Commerical
Bendix-King handheld I use in the 512 region for Reserve and Search & Rescue
operations.
Icom really did wonders on the out of band receive on the W31A!!
I can hear the National Weather Service UHF links at 410Mhz great
60 miles away, Forestry links 100miles away at 415Mhz, 486Mhz , 512Mhz
were just as sensitive as in band 440-450MHz.

Comparing this to the FT51R, I had to put a 5/8 long whip to hear the
same signal about S1(with images), but with a mini-duck antenna on the W31A,
the signals were S9-S10 (no images).
I suspect with the FT51R, that the image frequency causes the RF to IF
noise figure to be 3 db higher. The thermal noise from thehigh gain front
end causes USB and LSB noise floors to fold into the same IF. The sensitivity
is best in the 440-450Mhz band.
With the Icom W31A, I note the same sensitivity across the 400-530Mhz range.
Next I took a signal generator to both units and injected a sigal at the
image when listening to the Ft51R, in the case of the W31A, the level of the
generator has to be raised about 30dB before it was detected, whereas in the
FT51R, it was easy to detect.
I guess you could say the RF to IF noise figure is much better on the
Icom W31A, compared to the Yaesu FT51R on UHF. I really like the scanning
PL-decode feature on the W31A.
I hope this helps you Jack.
73
Mike
WB6DJI

On the
common IF
are

Subject: IC-W31A Opinions Sought

Would appreciate any comments on the ICOM W31A, pro or con. Any info on
RX sensitivity at about 500MHz would also be helpful Thanks, Jack KA3OTU.

3349. Re: Help Identify Microwave Amps

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: "C. Wheeler" <cwheeler@ccnet.com>
Message-ID: <4i6u0q$csg@gaudi.lahabra.chevron.com>
Source record: 204704

"Michael E. Pinault" <mikepi@on-ramp.ior.com> wrote:
>I have 2 Motorola 1.8-2.3 GHZ -24 volt power amps numbers MU594-12 and
>MLG1003A. Looking for schematics/info. Any help would be appreciated
>

An MLG1003A is a UHF amp for the first stage of a Motorola microwave radio such as the MR600 6 GHz terminal. Is it a brown thing (just looks like abig heat sink) about 10x6x1.5 inches (about?). The MLG100x takes a 600 to 750 MHz input at about 450mw from an oscillator and amplifies it to about 12 to 15 watts.

Then you have a MU594. Which is not one I am familiar with, but hey, the number is close to MU591. The 591 is a 2 GHz multiplier. It takes the ~700 MHz signal at 12 to 15 watts from the MLG1003 and triples it to the 2 GHz range. The output of the 2 GHz tripler is about 6 watts.

On the 6 GHz system, another multiplier such as the MLN1002 will take the 6 watt, 2 GHz signal from the previous tripler and triple it again to the 6 GHz range at about 1 watt. From there it goes to the waveguide.

Motorola made an MR-200 2 GHz terminal that just didn't use the second tripler. The output of the 2 GHz tripler was padded down to just a couples of watts before it went to the antenna. The MU594 may have come from that radio. I have never worked on an MR-200.

I have some documentation on the 1003 but I have to look for it.

3350. TS-450 BC band sensitivity mod?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: chipa@eskimo.com
Message-ID: <Do7w4C.66H@eskimo.com>
Source record: 204705

Is there a mod, similar to that available for the TS-850, to increase
broadcast band (.5 to 1.7 MHz) sensitivity in the 450? Alternatively,
does anyone know how the sensitivity (in that freq. range) of the
Icom 706 compares to the Kenwoods (modified or otherwise)?

The goal here is decent NAVTEX reception (518 KHz).

Please reply by email, as posts take up to a week to arrive here. Thanks...

Chip, K7LR
chipa@eskimo.com

3351. Yeasu VC-22 VOX headset

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: killian@aztec.asu.edu
Message-ID: <4i74cg$enr@news.asu.edu>
Source record: 204706

I have an FT-11R and a VC-22 VOX headset. Does anyone know of a way to get "some type" of audio feedback to the earpiece when the VOX is keyed? Sometimes I find that the gain is not high enough and without looking at the LED I can't tell that I am dropping out.

My kids have a set of Radio Shack VOX 49 Mhz headsets and that design actually echos (at very low volume) your speech.

For me, just about anything will do, even a low tone or click or something.

Thanks
Mike
KC7JGC

3352. Re: NiCad vs. GelCell for 12V 4AH batt'y

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar13.183056.22569@ke4zv.atl.ga.us>
Source record: 204707

In article <jamestDo6IAD.Dn0@netcom.com> jamest@netcom.com (JT) writes:
>Well this may get some flames so I'll put on the ole asbestos suit :)
>
>From what I gathered from "the handbook" lead acids work best for
>applications that have a "short" draw and don't cycle all the way
>down. For example, in your car the starter draws heavily for a short
>period of time, but for the most part the battery is "floated" at
>13.8v.

That's true of automotive starting batteries, but there also exist
deep cycle marine and traction batteries which are much more tolerant
of deep discharge. And there's the Edison cell (lead-iron chemistry)
which the phone company has been using forever for plant power.

>Nicads, if you believe in the memory effect, work best if
>the application drains them almost completely and then they are
>recharged completely.

Memory effect is mostly myth. It can only occur under very special
conditions, conditions no amateur is ever likely to encounter. A
different effect, sometimes mistakenly called memory, but correctly
termed voltage depression, can result from *overcharging* NiCad
batteries. If you don't have a smart NiCad charger, that's easy
to do with a straight timed charger unless you know the state of
charge of the battery before commencing charging. One way to know
the state of charge is to fully discharge the cells first, but
you have to be very very careful about doing this to NiCad *packs*
since you can easily reverse a cell due to the weakest cell in
the pack becoming fully discharged first. Reversing a cell will
certainly damage the pack.

>One shouldn't float Nicads like you do with
>lead acids. If I remember correctly, the handbook indicates that
>Nicads have 10 times the number of full discharge cycles vs. lead
>acid.

The typical number of full charge-discharge cycles for a NiCad cell
is around 500, more if only partial charge-discharge cycles are used.
Due to inefficiencies in the chemistry, some amount of ultimate
capacity is lost every time you cycle the chemicals. The total
number of amp-hrs you can get from a cell is roughly 500*A where
A is the cell's amp-hr rating. You can do that with a relatively
few full cycles, or a bunch of partial cycles.

Another chemistry with better capacity/mass is NimH, such as is
used in newer laptop computers and handheld cellular phones. These

cells too require fairly special charging and discharging to achieve maximum life. They are more costly than NiCads at present, and NiCads are in turn more costly than lead-acid batteries of equal capacity. If you need bulk storage cheap, lead-acid or lead-iron remain the way to go. If you must have minimum weight for a given capacity, regardless of cost or complexity, then NimH is the way to go.

But if capacity/mass is the overriding concern, then you must turn to primary cells such as the ordinary alkaline cells, the newer lithium cells, or to zinc-air batteries.

Gary
--
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Lawrenceville, GA 30244 | |

3353. Re: Samplex Power Supplies?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar13.183955.22648@ke4zv.atl.ga.us>
Source record: 204708

In article <4i56t0$19cc@pulp.ucs.ualberta.ca> cdorn@gpu.srv.ualberta.ca (Chris Dorn) writes:
> Looking around for a supply for my Icom 745, and have been considering
>the Astron 20A (16Acontinuous), or the Astron 35A. Is the Astron 20A
>sufficient for the 745? I know it would be nice to have the 35A supply,
>but money is a factor. Also, when I was in my local Ham shop they were
>offering Samplex supplies in addition to the Astrons. Anyone know
>anything about these supplies. I see that they are made in China, and are
>less expensive than the Astrons, but are they any good?
>Thanks,
>Chris VE6RDC

I've used a RS-20A with a IC745. It works, but it is marginal. The peak current draw of the radio exceeds the peak rated output of the supply by about 10%. This may cause slight distortion on voice peaks, though I got away with doing it, probably thanks to Astron's ratings being somewhat conservative. The RS-35A is better because of the reserve peak current capacity it offers. The RS-20A isn't going to overheat or fail due to slightly exceeding its rated peak current, however, because the IC-745 draws much less *average* current (about 1/8th of peak without speech compression) than 16 amps.

I don't know anything about the Samplex supplies.

Gary
--
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3354. Re: TM-732a probablem and schematic needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-13 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar13.185357.22884@ke4zv.atl.ga.us>
Source record: 204709

In article <4i09a9$ej8@panther.sirinet.net> jmccarty@sirinet.net (John McCarty) writes:
>My Tm-732a drops down from 50 watts about 10amps to 20 watts
>about 5 amps after I have been keyed up for about 3 seconds.
>Then after 3 more seconds it drops down to about two watts and
>an amperage fluctuating around 2-3 amps. It only does this on
>two meters not on 70cm. I am am also in need of a schematic
>for this radio if anyone has one or knows where I can get one.
>Wesley McCarty
>KC5ACC

Oh, oh, sounds like the metalization in the PA module is opening
up. I had this happen with a TS-790A. Eventually it fails completely.
This is not a user servicable component. You have to replace the
PA module.

Gary
--
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3355. WANTED: ICOM ICW31A Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-14 00:00:00 UTC
From: davidm@hous.inmet.com
Message-ID: <Do9MCK.Grr.0.-s@inmet.camb.inmet.com>
Source record: 204510

all:

Are there any mods available for the Icom IC-W31A
radio?

David

3356. FT530 Mod-Extended Tx didn't work

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-14 00:00:00 UTC
From: parkin@Eng.Sun.COM
Message-ID: <4i9s83$t17@engnews2.Eng.Sun.COM>
Source record: 204511

I made the jumperpad 13 mod on my FT530, originally purchased
March 1993. The extended Rx worked but the extended Tx was only
to 450 not the 461 or 470MHz that was advertised. Any help on this?

Thanks, Mike (KN6AN)

3357. Help: Ten Tec Argosy schematic/docs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-14 00:00:00 UTC
From: dhatcher@bibbway.bt.co.uk
Message-ID: <4i8q6o$57h@pheidippides.axion.bt.co.uk>
Source record: 204512
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,uk.radio.amateur

Hi All,

I've just become an owner of a Ten Tec Argosy and don't have much in the way
of documentation for it. I've had no joy net-searching so far, so ...
has anyone got a user manual, schematic or modification info to share???
Postage, etc, would be re-embursed.

Thanks in advance for any info,

Darren Hatcher
G0WCW
dhatcher@bibbway.bt.co.uk

3358. Yaesu FT-736R and transverters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-14 00:00:00 UTC
From: bob@waterw.com
Message-ID: <4i9c0s$gr6@sea.waterw.com>
Source record: 204513

I'm considering purchasing a Yaesu 736R. One of the goals
is to use it as the IF for UHF/microwave bands not available
directly from Yaesu (902, 2304, etc). Does anyone know if
there is a low-level 144 MHz output, and if there is a way to
bypass the internal TR relays? The same questions apply to
the 1296 module.

Thanks,
Bob - WA2ZZX

3359. Mods for Yaesu FT-8500

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-14 00:00:00 UTC
From: srwhite@ibm.net
Message-ID: <4i9hsl$1d72@news-s01.ny.us.ibm.net>
Source record: 204514

I have the service manual for the FT-8500 and it gives all sorts of neat info on the digital Alignment mode, but I've looked at it numerous times and can't find any thing to suggest any other mods... Please e-mail if you can find anything!

Steve - N2RWE

3360. WTB Gauss Meter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-14 00:00:00 UTC
From: ad118@rgfn.epcc.edu
Message-ID: <1996Mar14.163213.25592@rgfn.epcc.edu>
Source record: 204515

A freind of mine wants to measure the field produced by power lines at a house he is thinking about buying. Does anybody have a gauss meter that could be used for this purpose? How does one check/calibrate such a device?

- Roy Griffin

--

3361. Re: Alinco DJ-160

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-14 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar14.174441.27901@ke4zv.atl.ga.us>
Source record: 204516

In article <19960314.081455.9167.0.redbone@juno.com> redbone@juno.COM (Douglas R Davis) writes:
>
>Also, I'm using a rubber duck antenna. The calculations I made for 147.585 (local
>chat) for making a simply dipole is a piece of wire 38 inches long, fed 19" from either
>end. I have some #8 aluminum ground wire left over from grounding my Antron.
>Would that be ok?
>
>When feeding this wire does it make any difference how far the ground and center
>conductor are spaced apart? I mean where they are soldered to the aluminum wire?

Soldering aluminum is tricky, you need to tin it under oil first
before attempting to join it to the copper. This isn't too hard
with a chassis plate, but it is harder with a wire. Use clamps
instead, or try the antenna I'm going to describe below.

This antenna is called a coaxial sleeve dipole, and all you need
to make it is a length of coax. Take a length of coax and strip
off the outer jacket for about 19.5 inches from one end. Push back
on the braid to loosen it from the inner insulation (like Chinese
thumbcuffs). Now roll the braid back over the cable like a sock
so that you wind up with 19.5 inches of exposed inner conductor and
19 inches of braid extending back over the cable's outer jacket.
Strip about an inch of inner insulation off the end of the cable and
form the inner conductor into a loop. This is the antenna "mount",
hang it up using some string to any high point within convienent
reach. Put a connector on the other end of the cable and connect
it to your radio. You're done. It doesn't get much simpler than
this.

You may need to cut the outer insulation a bit further back than
19.5 inches in order to wind up with a "sleeve" 19 inches long
over the cable. This will vary a bit depending on the particular
cable you use. Feel free to experiment. Trim the exposed inner
for about 19 inches (or best VSWR if you care), if it winds up
too long. It will, the dielectric will electrically lengthen
it. One way to "shorten" the antenna for best VSWR is to just
start trimming off sections of inner insulation. This is better
than snipping the wire back because it maintains physical balance
of the antenna "elements".

Gary
--
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3362. Re: Help: Altenator Noise in Mobile killing my RX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-14 00:00:00 UTC
From: a313@Lehigh.EDU
Message-ID: <4i9ok7$1s5l@ns5-1.CC.Lehigh.EDU>
Source record: 204517

In article <1996Mar14.171028.27669@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>In article <4i7skd$9vq@rover.ucs.ualberta.ca> rwa@cs.athabascau.ca (Ross Alexander) writes:
>>Cecil Moore <cmoore@sedona.intel.com> writes:
>>>gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>>>>If it is the alternator, it would be a good idea to check the
>>>>alternator brushes.
>>
>>>Hi Gary, I was under the impression that DC generators had brushes
>>>but AC alternators didn't. I'm chasing a noise problem in my S10.
>>>Are there really brushes in there?
>>
>>I torn the alternator in my Ford F100 down and rebuilt it a few years
>>ago. (What I'm trying to say is that my experience is not broad, but
>>deep :). There are certainly a pair of brushes in there, carrying
>>current for the exciter winding (the winding on the rotor). But
>>that's a DC winding so I wouldn't expect it to contribute a whine,
>>rather a hiss *if* that was the problem. Bypassing the brushes with
>>small value disc ceramics should quiet the noise.
>
>Sometimes, Ross, but usually they, or the slip rings, are chewed
>up, and they arc like mad. Of course then you have a spark transmitter,
>and it will produce the hash the poster was reporting. This is *not*
>the source of alternator "whine", but the poster didn't report whine.
>
>Gary
>
>--
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>
The Alternator and the Generator have Carbon Brushes
The fundamental differences are in the winding to brush interface. The DC Generator has commutator segments (individual slip sections) while the alternator has smooth continuous slip rings. The alternator has a diode configuration accross the output to provide DC vs the AC produced by the alternator.

A word to the wise concerning brush replacement: If you are running a transmitter in your vehicle check the alternator for excessive brush wear on

an annual basis. Improper brush seating and high current load will cause brush pitting, and with pitting will come arcing, and with arcing come electrical noise.

73's Dick K8WHA

3363. RADIO REVIEWS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-14 00:00:00 UTC
From: davidm@hous.inmet.com
Message-ID: <Do9vtw.9KC.0.-s@inmet.camb.inmet.com>
Source record: 204518

All:

QST was said to have published a review of the
following radios (a comparison):

ICW31A ICOM
TH79A(D) KENWOOD
FT51R YAESU

Does anyone have this article? Is it available on the
WWW or Internet? Can someone supply a copy?

David

3364. WANTED RADIO & SCANNER MODIFICATIONS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-14 00:00:00 UTC
From: davidm@hous.inmet.com
Message-ID: <Do9vy0.9rp.0.-s@inmet.camb.inmet.com>
Source record: 204519

All:

Where are some good sites to find RADIO and SCANNER
modifications for AOR, Yeasu, Kenwood and/or ICOM?

David

PS Or Radio Shack, etc.

3365. FS-Swap Drake 1824 TVRO

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-14 00:00:00 UTC
From: jbeckett@servtech.com
Message-ID: <31487926.602692@news.servtech.com>
Source record: 204520

FS- or Swap:

Drake 1824 TVRO system- C and Ku- Corotor II+
Orbitron SX-10 and special low 5.5' mount.
(Bolts to ground mount plate).

I live at Corning in Western NY. It would
be impractical for me to ship the dish- so
it would have to be picked up. Although
disasembling it is easy and it retains the
proper settings- boxing it for UPS would be
a real pain.

In winter it works fine but in summer some
trees block out the very Sats I want.

I am interested in a Drake R8-A receiver or will
entertain cash offers.

Jim
KD2KU

3366. Re: Help: Altenator Noise in Mobile killing my RX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-14 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <4ia2lh$50d@abyss.West.Sun.COM>
Source record: 204521

In article <31486136.43B2@uiuc.edu>, C. J. Hawley <c-hawley@uiuc.edu> wrote:
>Gary Coffman wrote:
>
>> and it will produce the hash the poster was reporting. This is *not*
>> the source of alternator "whine", but the poster didn't report whine.
>>
>> Gary
>
>OK. How do you get rid of whine?

Hmmm... for a start, we could cut off AOL, Prodigy and Compuserve from
the Internet...

OHHHHH... you mean alternator whine.... never mind....

P.S. Yes, I know this is an off-topic post.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *

3367. Re: GrandFather left 2 Garages full of Stuff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-14 00:00:00 UTC
From: tculin@teleport.com
Message-ID: <4iabe2$osk@nadine.teleport.com>
Source record: 204522
Cross-posted to:
rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.swap

moore@isd.upmc.edu (James Moore) wrote:

> GrandFather passed and left 2 garages full of stuff.

> GrandMother wants rid of it.

> If interested call 1 800 996-2971

> Thank You

Well at least he could have put a good phone number on his posting.
Number is not in service.

3368. Need help programming an IC-U200

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-14 00:00:00 UTC
From: Michael Brown <mbrown@lilly.com>
Message-ID: <31488975.1557@lilly.com>
Source record: 204523

I bought an Icom IC-U200 land mobile radio at the hamfest last weekend, and I need some help programming it. The owner said that the only way he knew to program it was with the radio's "brother" handheld. I guess you take some data signal out of the handheld and pipe it into the 5 pin mic plug on the mobile.

Does anyone have a U200 and have programmed it? Icom will program it for me, but for $65!

Please respond through email...

~~~~~~
Michael Brown
Eli Lilly & Company Indianapolis, IN
PP-ASEL-I - based at HFY, Greenwood, IN Ham - KG9DW
~~~~~~

3369. Heathkit HP24

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-14 00:00:00 UTC
From: "Lorelei Lindenaux (SAR)" <lindenau@virtu.sar.usf.edu>
Message-ID: <Pine.SUN.3.91.960314200821.20197A-100000@virtu>
Source record: 204524

My dad is looking for: Heathkit HP AC Power Supply with or without the
HA 14 Amplifier.
You may call him at 1-813-842-4818 New Port Richey Florida or you may
e-mail me at: lindenau@virtu.sar.usf.edu
I will have him (W4NHP) Maurice call you.

Thanks, Lorelei

3370. Re: HT Battery Suppliers - Who the Best?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-14 00:00:00 UTC
From: dtse@intergate.bc.ca
Message-ID: <4i86is$elm@carrera.intergate.bc.ca>
Source record: 204525

In article <4hu28j$kk8@bigboote.WPI.EDU>, gkd@wpi.WPI.EDU says...

>My experience with W&W has been mixed. I recently ordered some AAA NiCd
>cells with solder tabs from them, and had been told on the phone that W&W
>manufactured the cells and they were rated at 220 mAH (a figure also
>listed in their catalog). It took W&W about a week to process the order,
>and the cells which arrived were manufactured by Sanyo, not by W&W. I
>decided to use them anyway since I've had reasonably good luck with Sanyo
>cells (although I do think there are better products on the market), but
>after I got them soldered together I noticed they were only rated at 200 mAH
>rather than 250 mAH; which is the rating of Sanyo's current AAA cells.
[rest of story deleted]
>
> Greg

When I ordered my pack for my Standard HT, I was told it's 12V 800mAH, and I confirmed w/ the W&W sales staff again (by asking them how they can do it while their competition is only 600mAH). It arrived as rated 600mAH on the case. When I called them, they said they had no 800mAH version. So what was that I was told?

Read the rest of the story in my other post 2 days ago.

So now this confirmed they lied to their customers, at least twice by now. Strangely I really like their charger though :).

So, caveat emptor!

David

3371. ic-w21at

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-14 00:00:00 UTC
From: Chuck Hanson <crhanson@pop.athenet.net>
Message-ID: <4i82ug$q4k@hermes.athenet.net>
Source record: 204526

I have a Icom IC-W21AT and I would like to modify it to receive cell phone frequencys. My friend has an identical unit, his serial number is 03111 and mine is 04477. His unit receives cell calls. I have done the mods recommened on QRZ...(hold the light button, "#" key and the "B" key while turning on the HT and I didn't let them up until the display self check was done. I can enter the frequencys, but I do not receive anything. I have had my unit next to the other one with cell calls being received on my friends and nothing on mine. Can you help?

Please E-mail me at: crhanson@athenet.net

Thanks, Chuck N9OEQ 73

3372. Re: GrandFather left 2 Garages full of Stuff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-14 00:00:00 UTC
From: philrut1@aol.com
Message-ID: <4iaopu$1qq@newsbf02.news.aol.com>
Source record: 204527

In article <4iabe2$osk@nadine.teleport.com>, tculin@teleport.com (Ted Culin) writes:

>Well at least he could have put a good phone number on his posting.
>Number is not in service.

Sounds like a hoax, forget it!!

3373. Re: Yaesu FT-11R ... anyone use this radio?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-14 00:00:00 UTC
From: byrnes@fc.hp.com
Message-ID: <4i9nnu$2gk@fcnews.fc.hp.com>
Source record: 204528
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Carl H Nord (cnord@mail.snet.net) wrote:
> bspring@tiac.net wrote:

> > I was wondering if anyone has used or owned the Yaesu FT-11R HT?
> >Because of the great advice I received from other hams from this newsgroup,
> >I have decided to get an HT. Had a few questions:
> >Any significant intermod problems? Batt problems? Can I use an external
> >mike, antenna, etc?

Intermod seems to be better than average, but can still get you. Battery
problems? Not any caused by the radio. I have a hot rod, and I know
people who've used mag-mounts successfully with theirs. I have yet to get
a external speaker/mike, but may do that soon.

> I love mine. It is probably the 6th or 7th HT I have owned and by far
> my favorite.
> It is a nice size, covers the entire Aircraft and commercial VHF
> bands, and just works well.

Yes, I like mine too. However, before you buy make sure the *particular*
FT-11R you buy doesn't have excessive CTCSS modulation. This is a problem
for some series of them, and not others (I am waiting for a service bulletin
from Yeasu). Have someone transmit using the FT-11R with and without the
tone turned on. If you hear a hum, it's too loud (it should be sub-audible
by definition). If you buy the optional CTCSS decode board, you will be
able to adjust the modulation.

> It has a lot of functions and you will simplify your life greatly if
> you spring for the ADMS-1 computor inerface.

Don't do this unless you have a computer! :-) Personally, having a computer
at home would cause more problems than programming my HT.

John
KB0UNC

3374. Re: Help: Altenator Noise in Mobile killing my RX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-14 00:00:00 UTC
From: "C. J. Hawley" <c-hawley@uiuc.edu>
Message-ID: <31486136.43B2@uiuc.edu>
Source record: 204529

Gary Coffman wrote:

> and it will produce the hash the poster was reporting. This is *not*
> the source of alternator "whine", but the poster didn't report whine.
>
> Gary

OK. How do you get rid of whine?

Chuck, KE9UW

3375. Re: Yaesu FT-11R ... anyone use this radio?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-14 00:00:00 UTC
From: jospav@eworld.com
Message-ID: <4iasud$21k@hp5.online.apple.com>
Source record: 204530
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Unless you really need the aircraft recieve of the ft-11, I would say you should be looking at the ft-10. It has encode and decode of ctcss and man other cool options such as a voice recorder that can be set to record automatically after a page and respond with a prerecorded message etc. There are just tons more features in the ft-10, some of which can be had on an ft-11 as options, but that will make the ft-11 cost even more. As it is now, the ft-10 is about $20-$30 cheaper where I have seen it, and it has more than the ft-11 for that price. Oh, forgot the ft-10 is also the first amateur HT to have a mil spec rating.

Just my 3 cents worth

Josh

3376. Re: Help: Altenator Noise in Mobile killing my RX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-14 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar14.171028.27669@ke4zv.atl.ga.us>
Source record: 204531

In article <4i7skd$9vq@rover.ucs.ualberta.ca> rwa@cs.athabascau.ca (Ross Alexander) writes:
>Cecil Moore <cmoore@sedona.intel.com> writes:
>>gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>>>If it is the alternator, it would be a good idea to check the
>>>alternator brushes.
>
>>Hi Gary, I was under the impression that DC generators had brushes
>>but AC alternators didn't. I'm chasing a noise problem in my S10.
>>Are there really brushes in there?
>
>I torn the alternator in my Ford F100 down and rebuilt it a few years
>ago. (What I'm trying to say is that my experience is not broad, but
>deep :). There are certainly a pair of brushes in there, carrying
>current for the exciter winding (the winding on the rotor). But
>that's a DC winding so I wouldn't expect it to contribute a whine,
>rather a hiss *if* that was the problem. Bypassing the brushes with
>small value disc ceramics should quiet the noise.

Sometimes, Ross, but usually they, or the slip rings, are chewed
up, and they arc like mad. Of course then you have a spark transmitter,
and it will produce the hash the poster was reporting. This is *not*
the source of alternator "whine", but the poster didn't report whine.

Gary

--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3377. Dust in the FT-1000

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-14 00:00:00 UTC
From: rval58@aol.com
Message-ID: <4i8qip$anl@newsbf02.news.aol.com>
Source record: 204532

Has anyone ever had to remove dust buildup from behind the main display window of the FT-1000? I have alot of dust build up there which won't sufficiently blow out w/forced air. Need to "get to it". Looks tricky. Wondering if anyone has done it, and how?

3378. Re: GrandFather left 2 Garages full of Stuff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-14 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3147FDE3.40E3@ccsnet.com>
Source record: 204533
Cross-posted to:
rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.swap

James Moore wrote:
>
> GrandFather passed and left 2 garages full of stuff.
>
> GrandMother wants rid of it.
>
> If interested call 1 800 996-2971
>
> Thank You

Thanks for all the detail.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#================#===#
| k1oik@ccsnet.com |
#===#
You cannot build a reputation on what you are going to do.
Henry Ford

3379. Help! FT900 prob

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-14 00:00:00 UTC
From: David Drinnan <ddrinnan@ican.net>
Message-ID: <Do92DB.KGx@ican.net>
Source record: 204534

Hello all

I need some help with a problem on my FT-900. The processor got scrambled for some reason, giving me nonsensical screen info. Then after a few seconds the rig turned itself off. Now, when I turn it on, the display does not light and the power relay clicks in for only a couple of seconds.

I!ve tried the reset buttons on the main body and on the detachable screen head. I!ve also checked the obvious switch positions. Has anyone seen this before? I have a feeling there must be a soft reset somewhere that I don!t know about. Advice anyone?

Please email, as I have intermittent NEWS access. Thanks for your help.
D.

ddrinnan@ican.net

3380. Ham Radio Equipment for Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-14 00:00:00 UTC
From: Unknown
Message-ID: <4i7r1n$s8j@prometheus.localnet.com>
Source record: 204535

Yaesu FT-736R. Tranciever , 2 Meter + 70 CM (440 MHZ.)
Yeasu YS-500 SWR + Power meter
Yaesu Dynamic Mic.
Cushcraft A430-11 70 CM. FM YAGI Ant.
Cushcraft A144-11 2 Meter YAGI Ant.
Alliance Heavy Duty Rotator Dual Speed

$2000.00 or best offer.

E-Mail Rhoopesjr@aol.com or rayjr@localnet.com
Phone Number 716-973-3431 ask for Ray Sr.

3381. Ham Radio Equipment For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-14 00:00:00 UTC
From: Unknown
Message-ID: <4i7r4c$s8j@prometheus.localnet.com>
Source record: 204536

Yaesu FT-736R. Tranciever , 2 Meter + 70 CM (440 MHZ.)
Yeasu YS-500 SWR + Power meter
Yaesu Dynamic Mic.
Cushcraft A430-11 70 CM. FM YAGI Ant.
Cushcraft A144-11 2 Meter YAGI Ant.
Alliance Heavy Duty Rotator Dual Speed

$2000.00 or best offer.

E-Mail Rhoopesjr@aol.com or rayjr@localnet.com
Phone Number 716-973-3431 ask for Ray Sr.

3382. Re: Help: Altenator Noise in Mobile killing my RX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-14 00:00:00 UTC
From: rwa@cs.athabascau.ca
Message-ID: <4i7skd$9vq@rover.ucs.ualberta.ca>
Source record: 204537

Cecil Moore <cmoore@sedona.intel.com> writes:

>gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>>If it is the alternator, it would be a good idea to check the
>>alternator brushes.

>Hi Gary, I was under the impression that DC generators had brushes
>but AC alternators didn't. I'm chasing a noise problem in my S10.
>Are there really brushes in there?

I torn the alternator in my Ford F100 down and rebuilt it a few years ago. (What I'm trying to say is that my experience is not broad, but deep :). There are certainly a pair of brushes in there, carrying current for the exciter winding (the winding on the rotor). But that's a DC winding so I wouldn't expect it to contribute a whine, rather a hiss *if* that was the problem. Bypassing the brushes with small value disc ceramics should quiet the noise.

regards,
Ross ve6pdq

--
Ross Alexander, ve6pdq -- (403) 675 6311 -- rwa@cs.athabascau.ca

3383. Re: Yaesu FT-11R ... anyone use this radio?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-14 00:00:00 UTC
From: cnord@mail.snet.net
Message-ID: <4i7pi3$2cfq@CT1.SNET.Net>
Source record: 204538
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

bspring@tiac.net wrote:

>Hello all,
> I was wondering if anyone has used or owned the Yaesu FT-11R HT?
>Because of the great advice I received from other hams from this newsgroup,
>I have decided to get an HT. Had a few questions:
>Any significant intermod problems? Batt problems? Can I use an external
>mike, antenna, etc?

>Thanks for any help!

I love mine. It is probably the 6th or 7th HT I have owned and by far
my favorite.
It is a nice size, covers the entire Aircraft and commercial VHF
bands, and just works well.
It has a lot of functions and you will simplify your life greatly if
you spring for the ADMS-1 computor inerface.
Carl
WA1KPD

>73's...

>- Bill
> bspring@tiac.net

3384. 6 ch CB Walkie-Talkie...$10

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-14 00:00:00 UTC
From: dalbert@grci.com
Message-ID: <dalbert.15.000E0481@grci.com>
Source record: 204539

```
Working Realistic TR-215 crystal controlled CB
Walkie-Talkie with crystals for ch 9, 19, 14 installed
Good for parts or conversion to 10m.

$10.
```

3385. Alinco DJ-160

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-14 00:00:00 UTC
From: redbone@juno.COM
Message-ID: <19960314.081455.9167.0.redbone@juno.com>
Source record: 204540

I finally tried to use this radio for the first time last night and check in with the local ARES net. The net controller said I was not opening the repeater (15 miles). I'm using the EBP-10N which is 7.2 volts and gives me 0.2 watt out.

The manual says using the EBP-12N battery (12 volts) will give me 2 watts out in "Low" or 5 watts out in "High."

My question is: Can I use a 12 volt power supply and just connect that to the DC "in" jack. Wouldn't this allow my to transmit with the full 5 watts?

Also, I'm using a rubber duck antenna. The calculations I made for 147.585 (local chat) for making a simply dipole is a piece of wire 38 inches long, fed 19" from either end. I have some #8 aluminum ground wire left over from grounding my Antron. Would that be ok?

When feeding this wire does it make any difference how far the ground and center conductor are spaced apart? I mean where they are soldered to the aluminum wire?

Thanks,

Doug
KC8CGX

3386. Will alinco 610t RX 800mhz if so how!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-14 00:00:00 UTC
From: David Mclean <dmclean@dfw.net>
Message-ID: <3148E440.5E5E@dfw.net>
Source record: 204541

Hello:

I was wandering if the alinco 610t will rx the 800mhz. Is so what
will I need to hit on the unit to swich bands. I have the mods for the
radio. Thanks for the help!
--
David Mclean
From The World of Hamradio
KC5NNV is Clear!

[Dfw-Hams]
Http://www.dfw.net/~dmclean
_____----------

3387. Source of Collins Parts ????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-14 00:00:00 UTC
From: obrienaj@news.epix.net
Message-ID: <4i85g7$kh4@guava.epix.net>
Source record: 204655

I have a ham friend looking for a source for Collins parts, any ideas?

--
Andrew J. O'Brien

obrienaj@epix.net
PACKET = KB2EOQ@KB2EOQ.#WNY.NY.USA.NA

3388. Re: WTB Gauss Meter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-14 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4iaba5$39l@crash.microserve.net>
Source record: 204656

ad118@rgfn.epcc.edu (Roy A Griffin) wrote:

>A freind of mine wants to measure the field produced by power lines
>at a house he is thinking about buying. Does anybody have a gauss
>meter that could be used for this purpose? How does one
>check/calibrate such a device?

The one I used to have was about 2.5" in diameter and about 3/4"
thick, with a glass lens. It looked somewhat like an automotive
meter, the type they used to sell to measure engine compression.

Anyway, it was self-contained, completely passive, and extremely
sensitive. I don't know exactly how they work, but the needle must
have been magnetic, like a compass. In the one I had, there was no
obvious means of calibration.

Sorry, it's been about 8 years since I had it and I don't remember who
the manufacturer was.

73,
Jack WB3U

3389. FS -- KOSS PRO 4/AA HEADPHONES

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-14 00:00:00 UTC
From: Bill <debral@falcon.cc.ukans.edu>
Message-ID: <1996Mar14.170836.116025@kuhub.cc.ukans.edu>
Source record: 204657

:::::::::::::::::: KOSS PRO 4/AA ::::::::::::::::::
Stereophones

Rugged, professional quality featuring:

* 1" voice coil
* Foam-filled Pneumalite earcushions
* Has screw-on mounting for adding boom mic
* 230 Ohms

These headphones are in MINT condition.
No scratches, no dings, and no stains.
Earcushions have been replaced and are brand new.

Suggested retail price (new): $99.95
Recent discount price (J&R Music World, 1-800-221-8180): $89.95

My price: $30 + I pay shipping

Bill Worthington
Lawrence, Kansas, USA

3390. MARS/CAP for FT-840

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-14 00:00:00 UTC
From: crispest@netcom.com
Message-ID: <crispestDo8L12.82I@netcom.com>
Source record: 204658

Would appreciate the having or knowing where to fing MARS/CAP mods for Yeasu FT-840.

TNX N7UJU Gilbert, AZ

3391. Weird Radio Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-14 00:00:00 UTC
From: petern@terraport.net
Message-ID: <petern-1403961714570001@saturn134.terraport.net>
Source record: 204659
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

I own a cheap General Electric boombox (about a $100 in value) that is a few years old. It works well but when I am on a certain FM channel listening to my favourite station, I intermittenly pickup actual radio transmissions from overhead commercial airliners. These are actual commercial airline communiques to the tower and back. I know it is because the pilot states the airline and other info. like heading and other number jumbo stuff. This is a simple radio with no short wave or any extra bells or whistles and it works well except for the fact that every so often it interupts the music and I hear aircraft communication messages. Does anyone have any idea what causes this? I thought Commerical Airline bands were totally different and not even close to the FM bands.

Thanks greatly!

Peter

3392. Any info on FT-50?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: dddavis@atl.mindspring.com
Message-ID: <4iag87$jtb@B1FF.mindspring.com>
Source record: 204542

I have talked to a few folks who tell me Yaesu will soon introduce a new HT, the dual band version of the FT-10/40 (probably at Dayton). Does anyone have any "advance info"? I'd be particularly interested in size. Thanks in advance. Don (KE4KYO)

3393. Re: Weird Radio Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: slwork@netcom.com
Message-ID: <slworkDoB5CF.HME@netcom.com>
Source record: 204543
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

Peter Neidhardt (petern@terraport.net) wrote:
: I own a cheap General Electric boombox (about a $100 in value) that is a
: few years old. It works well but when I am on a certain FM channel
: listening to my favourite station, I intermittenly pickup actual radio
: transmissions from overhead commercial airliners. These are actual
: commercial airline communiques to the tower and back....

Quite obvious what's going on here. This is a classic case of "image"
reception.

Suppose your FM radio is tuned to 100.3 MHz. Inside the radio, the local
oscillator runs at 10.7Mhz above what station you are picking up, in this
case it would be 111.0Mhz. When you mix the two signals together, one of
the things you get is the difference of the two signals, or 10.7Mhz. The
radio is tuned to amplify and detect 10.7Mhz.

Remember that the oscillator is running at 111.0Mhz, suppose an aircraft
transmits on 111.0+10.7 = 121.7, the difference between these two is also
10.7 and the radio can also demodulate this.

So your FM radio is capable of receiving signals which are 21.4 Mhz above
the dial setting of 88-108, (119.4-139.4), these frequencies are mostly
used by aircraft. However, the front end of the radio is supposed to
tune out these frequencies, so the aircraft signal has to be pretty
strong for you to pick it up.

Most, if not all, scanners (unmodified) can receive cellular frequencies
through a similar technique. Even though they cannot tune cell freqs.
directly, it is normally easy to find another frequency outside the cell
band which will allow them to be picked up.

3394. Scouting Ham Radio Web...ScoutRadio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: myriadsn@netcom.com
Message-ID: <myriadsn-1403961644550001@192.0.2.2>
Source record: 204544

ScoutRadio at http://www.ecllc.com/bsa319/ham.htm

Put this one in your browser bookmark! For Scouts & Scouter interested in ham radio. Check our unusual stations that have used the offical call of Boy Scouts of America (hand lashed wooden hf tower).

Offically endorsed by their "Scout Salute to ScoutRadio". On the list within the first 5 days online include: ARRL, Gordon West, Kenwood, Alinco, QRZ, Rockwell Shuttle Support Crew and growing. We are planning on linking the Scout Salute to ScoutRadio in the next few weeks. Our idea is to to arrange Scout discounts on ham equiptment similiar to sporting good stores.

We welcome your clubs or Companies "Scout Salute" after you've visited the site via email.

73 YIS
Mel ASM

3395. Re: Help: Altenator Noise in Mobile killing my RX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: genek@dibbs.net
Message-ID: <31495466.7621@dibbs.net>
Source record: 204545

C. J. Hawley wrote:
>
> > and it will produce the hash the poster was reporting. This is *not*
> > the source of alternator "whine", but the poster didn't report whine.
> >
> > Gary
>
> OK. How do you get rid of whine?
>
> Chuck, KE9UWUsually alternator whine can be cleared up by installing an inline choke in the power lead to the radio. However I think the original poster reported he had a 700 watt transmitter which means the choke would have to be able to carry 50 or more amps without excessive voltage drop. Maybe in this case the receiver DC input can be seperated from the PA and can be filtered with a hotline filter.

The power cable must be of sufficient size and run directly to the battery posts.
Sometimes alternator whine increases as the vehicles battery ages and can be eliminated by replacment of the battery.
--
Gene Kennedy, Mobile AL
genek@maf.mobile.al.us
genek@dibbs.net
wa4wbi@maf.wa4wbi.ampr.org

3396. Diplexor for 80-10 and 6 meters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: Carl Estey <carl.estey@HBC.Honeywell.com>
Message-ID: <31497353.683E@HBC.Honeywell.com>
Source record: 204546

Some time ago I scanned a message that mentioned a device (diplexor or duplexor?) that lets you connect seperate 80/10 and 6-meter antennas to one input/output of a radio. Such devices are common for VHF/UHF but uncommon for 6 and 80-10 meters. Can anyone tell me who makes this device? Cost and model would be helpful too.

The specific application is the ICOM IC-706 which has on SO-239 connection that services 80 - 10 meters AND 6 meters. I would like to divide this for use with one antenna on 80-10 and another for 6-meters. Fortunately, Icom did provide a seperate connector for 2-meters!

Carl
--
Carl Estey, Amateur Radio Station WA0CQG
Honeywell Inc., Homes and Building Control, MN10-2518, 1885 Douglas Dr., Golden Valley, MN 55422 (612) 954-6922
E-Mail: carl.estey@HBC.Honeywell.com or wa0cqg@wa0cqg-uhf.ampr.org (TCP/IP)

3397. Re: FT530 Mod-Extended Tx didn't work

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: mark@pcis.net
Message-ID: <4ianld$92o@tofu.alt.net>
Source record: 204547

Did you reset the CPU? Hold down the Mhz up and down button and turn
on power and then it should work, also, this will erase you memory's,
so write them down first!

parkin@Eng.Sun.COM (Michael Parkin) wrote:

>I made the jumperpad 13 mod on my FT530, originally purchased
>March 1993. The extended Rx worked but the extended Tx was only
>to 450 not the 461 or 470MHz that was advertised. Any help on this?

>Thanks, Mike (KN6AN)

3398. Re: Ten Tec and equipment for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: wb2kfo@i-2000.com
Message-ID: <4ialj2$fpm@i-2000.com>
Source record: 204548

Thank you for the response. The MFJ swr analyzer is sold.

3399. FS: 800 Mhz Motorola Trasnceiver and accessories

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: wega@ios.com
Message-ID: <4ianm8$p6o@news.ios.com>
Source record: 204549

I have several 800 Mhz Motorola radios with mics, antennas, base or mobile configuration. These are like new and are cleared and program-able.

If interested please e-mail wega@ios.com

WE6A

3400. Tempo MPP-1 Printing TNC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: sparkfel@primenet.com
Message-ID: <3149f02c.1288430@news.primenet.com>
Source record: 204550

I recently aquired a Tempo MPP-1 TNC and am interested in starting a dialog with any other Tempo/AR1200 owners.

Specifically, I am looking for the 5-pin Mini-DIN-like TNC to radio connector. A call to Henry Radio was of little help as they no longer distribute the unit, nor do they have any more cables. I have been able to find the female part of this connector locally. but no one has ever seen a cable like this that I can find in the Phoenix area. Does anyone know of a supplier for these connectors?

Also, I only have the basic manual and would gladly pay a small fee for a copy of the technical manual/schematic. Even a complete breakdown of the MPP-1's unique commands would be helpful.

I am aware of the birdie this unit causes on 145.01. I'm aware there is a cure, but what is it?

I understand the 80 mm paper rolls are difficult and expensive to find. Does anyone know of a good supplier for this paper? I'm also aware, as I used to work in a print shop, that it is quite possible to buy wider thermal paper rolls and cut them down with a band saw. Has anyone done this?

Generally, I am interested in any tidbits, dirt, amusing anecdotes, unusual uses, etc. of the Tempo MPP-1/AR1200.

Please respond via personal e-mail.

73,

Mark Fellhauer KC7BXS
ThunderBird ARC packet coordinator
sparkfel@primenet.com

Are there any interesting hacks/mods/Easter Eggs for this

3401. Marine and ham HF/SSB

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: Barry Brazier <barryb@deakin.edu.au>
Message-ID: <4ib71q$h1c@sol.ccs.deakin.edu.au>
Source record: 204551

Is it possible to buy a HF/SSB radio that can be used for Marine and ham frequencies 2000 to 30000 . How much would a suitable secondhand radio cost. How does that compare to buying to separate marine and Ham radios I have on my boat a crystal tuned marine HF/SSB with 10 fequencies 2 to 8 and would like to get somthing more versitle fo long range cruising

VLV8987

3402. Re: SGC HF Transceivers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: "Saul B. Yochelson" <syochelson@huey.csun.edu>
Message-ID: <4ib7t7$qf2@dewey.csun.edu>
Source record: 204552

In article <4i4i7u$mm2@nadine.teleport.com> Mark McPherson,
markm@teleport.com writes:
>I've been thinking about purchasing an SGC SG-2000 HF transceiver for maritime
>mobile use. I need ITU marine HF transceive capability, a general-coverage HF
>receiver (for marine weatherfax transmissions) and would like HF ham coverage
>as well; but I really don't want to carry two radios, and the SG-2000 seems to
>be one of the few units that is type-accepted for marine HF and has ham-band
>coverage as well.
>
>I have an SGC tuner and am reasonably impressed with its design and
>construction; but nobody stocks the SG-2000 locally and I'm reluctant to
>commit myself without some better information.
>
>Anybody got experiences, pros, cons, or alternatives to offer?
>
>Mark McPherson
>N7NEE

Mark:

We have an SGC-2000 aboard the SS Lane Victory (a WWII Victory ship that
has been turned over to the US Merchant Marine Veterans of WWII and is
now a fully operational ship/museum/memorial berthed in San Pedro, CA).

The radio is basically OK for commercial type communications, that is,
where you can select channels. Its interface is pretty awkward for ham
radio type operations, where you really need a knob that you can turn to
change frequenies. The general human interface is pretty bad, in the
sense that the main controls are through two buttons, one with an up
arrow and the other with a down arrow. Normally these control volumne,
but they also can be used to change frequencies, etc. There is no
indication of the mode of the these buttons; it is real easy to get
confused about what will happen if you push one.

If you intend to use the radio for CW, it is very awkward because you
have to manually calculate and enter the transmitting offset frequency.
Just about every ham radio I know of does this internally. If you connect
a key through the key connection in the back of the radio, no side tone
is generated; if you want to hear a side tone, you have to connect the
key in parallel with the PTT switch on the microphone.

Reliablility of the radio has been, in my opinion, pretty mediocre. We
had to replace the cpu soon after we got the radio and found several
intermittent solder bridges in one of the internal connectors. Right now
buttons 6 through 9 on the keypad sometimes work and sometimes don't
(they are all on one bus of a matrix). Also the internal battery is dead;

this is the second one and the radio is only 2 years old.

Also, be sure to get a good husky power supply. We are using an ASTRON 35 Amp supply and find that it is marginal when the radio is tuned to frequencies around the 80-meter ham band (i.e. around 4 MHz)

On the otherhand, the SGC tuner seems to work fine.

Saul WA6VEN

Reply to:
70413.3145@compuserve.com or syochelson@huey.csun.edu

3403. Yaesu FT-3000M Mods ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: Richard Harel <rharel@fab8.jer.intel.com>
Message-ID: <4ib8oa$l7j@ilx018.iil.intel.com>
Source record: 204553

Anyone know of mods for the FT3000M ? (How to open the 800 Rx
wide band; crossband repeat, etc.) ?

Any info would be appreciated.
73,
Rich

Disclaimer
==========
My thoughts, writings, any previous writings, spelling,
opinions and other mental noise are in no way reflective
or related to my employer or any organization that might
appear in an "address header".
I assume complete responsibility for my actions.

3404. Icom 260A manual needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: landisj@nad.com
Message-ID: <1996Mar15.141336.476@nad.com>
Source record: 204554
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

Hi,
Does anyone have a manual for an Icom IC260A 2 meter multimode transciever
that they would be kind enough to copy and mail to me? I just bought one
without the manual. I'll pay copying and postal costs.

Thanks,
Joe - AA3GN
--
Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
landisj@nad.com ..speaking only for myself, of c

3405. Re: Final Tubes: 6146 vs. S2001

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: claude@bauv.unibw-muenchen.de
Message-ID: <claude.826878529@bauv111>
Source record: 204555

jackl@pinetree.microserve.com (WB3U) writes:

> dubner@spk.hp.com (Joe Dubner) wrote:

>>My Kenwood TS-820S came with a pair of S2001 tubes in the final.
>>They look suspiciously like 6146s. What's the difference -- anyone
>>know?

>The only difference is that the S2001 was made in Japan. BTW, I think
>they're actually the equivalent of the 6146B.

If I remember well, it is like the 6146A.
--
Claude
(claude@bauv106.bauv.unibw-muenchen.de)
The opinions expressed above represent those of the writer
and not necessarily those of her employer.

3406. IC-706 repeater offset question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: Carl Estey <carl.estey@HBC.Honeywell.com>
Message-ID: <314974AD.63E3@HBC.Honeywell.com>
Source record: 204556

I have attempted to program in plus and minus offsets for repeaters in the manner that the Icom IC-706 manual advises but either my radio is broken, or the software is broken or I can't read!

The only way I have been able to program the offsets is to use VFO A and B and the split mode. Just setting -600 in the offset setup doesn't seem to work.

Am I doing something wrong ... or did Icom start the offset programming and not fully implement it?

Carl
--
Carl Estey, Amateur Radio Station WA0CQG
Honeywell Inc., Homes and Building Control, MN10-2518, 1885 Douglas Dr., Golden Valley, MN 55422 (612) 954-6922
E-Mail: carl.estey@HBC.Honeywell.com or wa0cqg@wa0cqg-uhf.ampr.org (TCP/IP)

3407. looking vor review's of dual band ht's

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: Gerrit Polder <G.Polder@cpro.dlo.nl>
Message-ID: <31496968.5F39@cpro.dlo.nl>
Source record: 204557

there have been a lot of questions lately about dual band ht's,
is there a site with some sumarizing pages or text files,

thanks, Gerrit.

3408. Re: GrandFather left 2 Garages full of Stuff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: "JOSE V. GAVILA" <Fermax.esp@vlc.servicom.es>
Message-ID: <4ibh4g$2ft@ns.mad.servicom.es>
Source record: 204558
Cross-posted to:
rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.swap

Please, can you give me details of materials?

Thanks!

73's JOSE - EB5AGV / EC5AAU

3409. KaWin - New Version!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: stan@mutadv.com
Message-ID: <4ibtij$1ss@news-2.csn.net>
Source record: 204559
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.equipment

KaWin 6.35 adds support for the Buckmaster Hamcall CDROM and
a dozen more new features and improvements. KaWin 6.35 is
available for immediate download from the KaWin Home Page. 73,

Stan.
--
Stan Huntting, KF0IA
Email: stan@mutadv.com
Fax: 303 444 2314
KaWin home page: http://www.mutadv.com/kawin/
Postal address: 4655 Pleasant Ridge Rd.,
Boulder, CO 80301-1731, USA

3410. (none)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: /PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/@safe.ia.GOV
Message-ID: <199603151523.JAA21967@outpost.safe.ia.gov>
Source record: 204560

```
>From /PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/ Fri Mar 15 09:23:23 CST
1996 remote from osiint.safe.ia.gov
Date: 15 Mar 1996 09:23:09 -0600
X400-Trace: US*ATTMAIL*IADPS
arrival 15 Mar 1996 09:23:09 -0600
action Relayed
From: /PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/@osiint.safe.ia.gov
To: "/RFC-822=Ham-Equip(a)UCSD.EDU/OU=OSI-INTERNET/O=WALLACE/PRMD=IADPS/ADMD=ATTMAIL/C=US/
"@osiint.safe.ia.gov
In-Reply-To: <"\"/RFC-822=199603131230.EAA13699(a)mail.ucsd.edu/OU=OSI-INTERNET/O=WALLACE/
PRMD=IADPS/ADMD=ATTMAIL/C=US/\""@osiint.safe.ia.gov>
Subject: Re: Ham-Equip Digest V96 6169
Importance: normal
Autoforwarded: FALSE
Message-Id: <werl0315092111aa*/PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/@
osiint.safe.ia.gov>
P1-Message-Id: US*ATTMAIL*IADPS;IDPS3550 werl0315092111aa
UA-Content-Id: werl0315092111aa
P1-Content-Type: P2
Priority: normal
Received: from osiint.safe.ia.gov by iadpshub.safe.ia.gov; Fri, 15 Mar 1996 09:23 CST
Content-Type: text
Content-Length: 216

> Have you tried a full microprocessor reset?
>
> Gary
>
Hi Gary, not yet but I will. If that doesn't work, where next?
Tnx for the info

Scott
N0XZY werling@safe.ia.gov OR scott@ia.net
```

3411. Re: How much RF pwr does an ant tuner consume?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: Cecil Moore <cmoore@sedona.intel.com>
Message-ID: <4ic2vo$1703@chnews.ch.intel.com>
Source record: 204561

jackl@pinetree.microserve.com (WB3U) wrote:
> tom_boza@ccm.ch.intel.com (WB7ASR) wrote:
>
>>So which would be more power efficient, torroid or cap/coil
>>type antenna tuner or tank circuit?
>
>Neither is more or less efficient under all conditions. It depends on
>the feedpoint impedance and design of the components. 73, Jack WB3U

Hi Jack, Additionally, it's difficult for me to see how an operating position antenna tuner could possibly be more efficient than a reactance properly placed on the transmission line to completely eliminate reflections between that point and the transmitter. IMO, properly placed parallel or series reactances are always equal to or better than a conventional antenna tuner. Furthermore, those reactances can usually be placed at the operating position thus completely eliminating the conventional antenna tuner.

73, Cecil, KG7BK, OOTC (not speaking for my employer)

3412. FS: JRC NRD-525 HF Receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: disalvo@ix.netcom.com
Message-ID: <4icns2$7k2@cloner3.netcom.com>
Source record: 204562
Cross-posted to: rec.radio.amateur.equipment,rec.radio.shortwave,rec.radio.swap,cle.forsale

```
For Sale:

Japan Radio NRD-525

Has RS-232 card installed
(software and cable included)

Original box and manual included.

Excellent Condition $650 + shipping

Can ship C.O.D.

73s KC8BQP - Sam <disalvo@ix.netcom.com>
```

3413. Heathkit HW101 Help, Please ...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: af104@detroit.freenet.org
Message-ID: <4ic4et$t97@detroit.freenet.org>
Source record: 204563

Help!!

I've just picked up a Heathkit HW-101, but no manual.

Can someone email a quick paragraph of tuneup instructions?

EG: 1. Peak Preselector
2. Grid current to xxx
3. Plate to
4. Tune plate for max out
5. Audio gain til yyy on alc meter

ETC.

It would help me put the thing on the air.

Thanks,
Jeff
WB5KZW
(810) 788-3210
Near Detroit
af104@detroit.freenet.org

--

3414. Re: Marine and ham HF/SSB

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: "George J. Molnar" <gmolnar@interealm.com>
Message-ID: <314995F9.7C12@interealm.com>
Source record: 204564

Barry Brazier wrote:
>
> Is it possible to buy a HF/SSB radio that can be used for Marine and ham
> frequencies 2000 to 30000 . How much would a suitable secondhand radio
> cost. How does that compare to buying to separate marine and Ham radios
> I have on my boat a crystal tuned marine HF/SSB with 10 fequencies 2 to
> 8 and would like to get somthing more versitle fo long range cruising
>
> VLV8987

You need to get a marine radio, since generally speaking their tech specifications are somewhat more exacting than amateur gear. Various international and national rules specify what marine rigs must do in order to qualify for service. Those rules are always more stringent than amateur radio rules.

If you have a valid amateur license (a MUST), you may then operate your marine ssb rig on the ham bands without difficulty, provided such use does not violate any watch-keeping regulations.

While most newer ham rigs WILL work on the marine bands (usually with a simple modification), such a practice is not recommended, except in cases of distress.

Look into radios from Skanti (SAIT) for marine ssb. They are very well built and effective. Furuno also makes a good unit. You can expect to pay in the neighborhood of 10,000 USD for one, substantially less for used.

Happy sailing!

--
George J. Molnar
Highlands Ranch, Colorado
Amateur Radio: KF2T@N0QCU.#NECO.CO.USA.NOAM
http://www.interealm.com/p/gmolnar/index.html

3415. Re: Weird Radio Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: Michael J Wooding <vhf-comm@g6iqm.demon.co.uk>
Message-ID: <RP2+ugAD$cSxEwPK@g6iqm.demon.co.uk>
Source record: 204565
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

In article <petern-1403961714570001@saturn134.terraport.net>, Peter Neidhardt <petern@terraport.net> writes
>Does anyone have any idea what causes this? I thought
>Commerical Airline bands were totally different and not even close to the
>FM bands.

I probably won't know the exact answer due to your location not being in my area! However, are you in the proximity of an AGA (Air-Ground-Air) station, used by Air Traffic Control for AGA communication? If so then it is simple breakthrough, as we tend to use quite high powers.

If you do not then I would put the radio up for auction, or patent it!

Regards ... Mike

Michael J Wooding vhf-comm@g6iqm.demon.co.uk - CompuServe: 100441,377
WWW: http://www.eolas.co.uk/ag/vhfcomm.htm (hambits.htm & hamclip.htm)
WWW: http://www.clearlight.com/~vhfcomm
Tel: (0)1788 890365 Fax: (0)1788 891883
KM Publications, 5 Ware Orchard, Barby, Nr.Rugby, CV23 8UF, UK
VHF Communications Magazine - Especially Covering VHF, UHF and Microwaves

3416. Re: Dust in the FT-1000

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: Paul Christensen <paulc@jax.se.continental.com>
Message-ID: <4ibsmf$lfg@usenet.continental.com>
Source record: 204566

You might want to talk with Chip Margelli at Yaesu: (301) 404-2700 ext. 243. He's the man to get to the bottom line on this.

-Paul, N9AZ

3417. IF 10C for TS-140S;need Info(buy?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: p05328@email.mot.com
Message-ID: <1996Mar15.191650.29050@schbbs.mot.com>
Source record: 204567

Kenwood has discontinued the IF 10C computer interface for the TS-140S. I am looking for info/price/availability/schematic whatever you can provide.
Thanks
Bill W7JSW
p05328@email.mot.com -or-
billh@getnet.com

3418. Yaesu FT-50R mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: crum@xmission.xmission.com
Message-ID: <brohpytj16.fsf@xmission.xmission.com>
Source record: 204568

Anyone have cool mods (like undocumented features) for the FT-50R?

Thanks!

3419. Looking for data on 5 tone codes on ICOM

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: supermag@dialup.francenet.fr
Message-ID: <4iciam$2ae@chleuasme.francenet.fr>
Source record: 204569

I'm looking for all data available on 5 tones code used
by ICOM on H16T and V200T (ie encoding, decoding,
repeater activation and all others special codes ...)

Please answer by mail to supermag@dialup.francenet.fr ,
(and don't expect a quick answer)
Thanks.

3420. Re: Good set of headphones

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: edbu@sepia.wv.tek.com
Message-ID: <4ic8quINNaqc@sepia.wv.tek.com>
Source record: 204570

In article <4i7coh$n7s@crash.microserve.net> jackl@pinetree.microserve.com (WB3U) writes:
> Bill <debral@falcon.cc.ukans.edu> wrote:
>
>>I picked up a set of KOSS PRO/4AA headphones at a garage sale, and
>>would like a few opinions on how these would work for ham use.
>
>If I remember correctly, those were low impedance (8 ohms?) phones
>with fairly large driver assemblies. The latter is exactly what's
>needed to withstand the rigors of ham radio. Unfortunately, I think
>they were also about the same weight as an '89 Hyundai.
>
>Try wearing them for an hour, then measure your height. If you
>haven't lost half an inch, I'm thinking of a different model. ;)
>
>73,
>Jack WB3U

They are heavy, but I use them for my setup, and prefer them to the lighter weight headsets because the also function as a set of hearing protectors, doing an excellent job of cutting down background noise. I used to use them for listening to the stereo, so I guess I got used to them. What I would like to know is if there is a matching microphone assembly that can be purchased either new or used (anybody got one they would like to sell?) There is a removeable aluminum finger nut on one of the earphone shells that looks like it was designed for that purpose.

Thanks,
Ed Burress
KC7GFX

3421. Re: Icom 706 question - tuning?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: AA9IS <tbrock@execpc.com>
Message-ID: <4ic9kh$q1i@daily-planet.execpc.com>
Source record: 204571

jones@San-Jose.ate.slb.com (Clark Jones) wrote:
>A few months ago I purchased an Icom 706, but haven't had a lot of time
>to use it.
>
>One thing I haven't figured out yet: is there a way to get it to "turn
>on the carrier" so that I can adjust a manual tuner? The "tune" button
>seems to only work for auto-tuners (and only ones with "Icom" on the
>nameplate :-( ).
>
>Plugging in the key and switching to "CW" mode isn't all that convenient,
>but it is the only way I've found so far.
>
> Clark
>
I have a manual tuner also, and when I tune up I Just switch to RTTY
mode, and push the mike button.

Thomas

3422. Re: Marine and ham HF/SSB

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: USCG TELECOMMS <gttm@cais.cais.com>
Message-ID: <Pine.BSI.3.91.960315123605.23873A-100000@cais3.cais.com>
Source record: 204572

.....the telcomms act authorizes the FCC to license recreational marine radios by rule. The FCC will probably act on this very soon. What this means is that recreational boaters will no longer need a license to operate a radio in the HF and VHF marine bands. You will still need a license, though, to operate in the Ham bands.

3423. Re: GrandFather left 2 Garages full of Stuff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: Danny Goodman <dannyg@dannyg.com>
Message-ID: <3149ACF5.3C3F@dannyg.com>
Source record: 204573
Cross-posted to:
rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.swap

Ted Culin wrote:
>
> moore@isd.upmc.edu (James Moore) wrote:
>
> > GrandFather passed and left 2 garages full of stuff.
>
> > GrandMother wants rid of it.
>
> > If interested call 1 800 996-2971
>
> > Thank You
>
> Well at least he could have put a good phone number on his posting.
> Number is not in service.

The number worked from the San Francisco area the same day as the
original post. It went to what I think was a voice pager
number--message time was about 30 seconds. I had to leave two messages
because I was specific about what I was looking...BEEEEP. Anyway, I
haven't heard anything back.

He may have disconnected the number after being flooded with pager
messages, which he probably has to pay for. Give spam, get spam.

Danny AE9F/6
http://www.dannyg.com

3424. Re: Weird Radio Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: graham@southlin.demon.co.uk
Message-ID: <19960315.101344.77@southlin.demon.co.uk>
Source record: 204574
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

In message <petern-1403961714570001@saturn134.terraport.net> Peter Neidhardt wrote:

> I own a cheap General Electric boombox (about a $100 in value) that is a
> few years old. It works well but when I am on a certain FM channel
> listening to my favourite station, I intermittenly pickup actual radio
> transmissions from overhead commercial airliners. These are actual
> commercial airline communiques to the tower and back. I know it is
> because the pilot states the airline and other info. like heading and
> other number jumbo stuff. This is a simple radio with no short wave or
> any extra bells or whistles and it works well except for the fact that
> every so often it interupts the music and I hear aircraft communication
> messages. Does anyone have any idea what causes this? I thought
> Commerical Airline bands were totally different and not even close to the
> FM bands.
>
> Thanks greatly!
>

There are *lots* of ways radios can respond to unwanteds. My guess is
that the FM frequency subtracted from the the airband frequency yields
a number that would waltz its way straight through the IF circuits in your
GE "boombox". You have something causing a non-linearity to allow mixing
distortion of this kind. A corroded connection.. a strong out of band signal
driving the GE front end too far...etc.

A bandpass front end filter would probably cure it.

--
Graham Seale

3425. Re: Source of Collins Parts ????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: Paul Christensen <paulc@jax.se.continental.com>
Message-ID: <4ibt61$lfg@usenet.continental.com>
Source record: 204575

>I have a ham friend looking for a source for Collins parts, any ideas?

Suplus Sales of Nebraska. (402) 346-4750, and ask for Bob. They have an extensive supply of OEM replacement Collins parts. See their ads in QST.

-Paul, N9AZ

3426. Re: Final Tubes 6146...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: s118462@korppi.cs.tut.fi
Message-ID: <4icej5$23t@peippo.cs.tut.fi>
Source record: 204576

Now that we are talking about final tubes...
What are the differences between various versions of 6146 ie. 6146, 6146A,
and 6146B, and are they interchangeable?
--
Mikko OH8JMX

3427. Info on HW-99

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: jstroppe@uhl.uiowa.edu
Message-ID: <4icgov$rj0@flood.weeg.uiowa.edu>
Source record: 204577

Just got a Heathkit HW-99. The receiver has birdies when tunning across the band, in all band positions. Is this normal for this rig? OR is there a problem here. Seems to transmitt and receive but dial cal is off. Will look into that this weekend.

If you have a schematic I could copy & send back, Drop me an email. I have the assembly manual, but the schematic did not come with it.

Thanks

John WA0VYZ

--
John Stroppel | Internet: jstroppe@uhl.uiowa.edu
The University of Iowa - Hygienic Lab | Amateur Radio: WA0VYZ
Oakdale Research Campus, OH-M7A | Voice: (319) 335-4500
Iowa City, IA 52242 | Fax: (319) 335-4555

3428. Re: Help: Altenator Noise in Mobile killing my RX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: rwa@cs.athabascau.ca
Message-ID: <4ichi7$tk4@rover.ucs.ualberta.ca>
Source record: 204578

In article <1996Mar14.171028.27669@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>Sometimes, Ross, but usually they, or the slip rings, are chewed
>up, and they arc like mad.

Oh, heck, I'm not suggesting for a minute that bypassing the brushes is a the proper repair for worn or pitted brushes and/or sliprings. The fix for worn out parts is of course new parts. And the first course of action is to tear down and inspect. I don't like bandaid repairs (except to get back home, of course.) I was speaking in an assumed (and I should have made it explicit) context of a properly maintained alternator being RF noisy, probably due to inherently poor design.

regards,
Ross ve6pdq
--
Ross Alexander, ve6pdq -- (403) 675 6311 -- rwa@cs.athabascau.ca

3429. Re: Final Tubes: 6146 vs. S2001

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: dubner@spk.hp.com
Message-ID: <4icjog$8vg@hpcvsnz.cv.hp.com>
Source record: 204579

Earlier I wrote:
: My Kenwood TS-820S came with a pair of S2001 tubes in the final. They
: look suspiciously like 6146s. What's the difference -- anyone know?

Thanks to all who replied. The general opinion was that they were more-or-less equivalent, depending on which 6146 (6146A, 6146B, or 6146W) one was comparing to. Some pointed out minor differences in base size and perhaps plate dissipation.

The definitive response came from Itaru Okada, JF2NXS / N7UVV, okada@decst.nipr.ac.jp, who wrote me:

The differences between 6146 and S2001, which I know, are the heater current and the maximum surface temprerature. So you cannot use them together in the case of series heater circuit.

The permitted maximum surface temperature of 6146 is 260 degree C, and that of S2001 is 220 degree C (data from the Yaesu musen journal, No.1). S2001 is japanese copy of 6146, and was made by Matsushita (Panasonic).

Thanks again to one and all.

73,
Joe, K7JD

Joe Dubner K7JD | Hewlett-Packard Company | dubner@spk.HP.COM
| 24001 E. Mission Avenue |
| Liberty Lake, WA 99019 | +1 509 921-3514

3430. FS:10 meter AMP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: carlosr@csulb.edu
Message-ID: <4ib79m$ssa@hatathli.csulb.edu>
Source record: 204580

Puts out 175 watts PEP, has a preamp build in. $100.
73's
Carlos

3431. Re: Yaesu FT-530 vs FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: houlejm@ireq.ca
Message-ID: <houlejm-1503960020500001@gatos8.ireq.ca>
Source record: 204581

In article <kriss-1003960923070001@lanrover4.spec.com>, kriss@spec.com
(R.M. (Dick) Kriss) wrote:

> Hi Barry,
>
> I used to own a 530 and now have a FT-51R. Both great radios. The FT-51R
> blows away the 530 for AM Rx. I do monitor some A/C freq and the 530 was
> almost as worthless as my Kenwood 733A for AM. The FT-51R is the BEST I
> have ever heard.
>
> The batteries are better on the 530 and cheaper too. The audio quality
> is better on the 51R.
>
> Play with both and listen to to them. Both are good. I still prefer the
> FT-51R over the 530. It is worth the extra bucks but be sure you get the
> high powered unit.
>
> Dick, kd5vu
> kd5vu@spec.com
> or
> kd5vu@kd5vu.ampr.org
> Austin, Texas
>
> In article <4hrvgb$18a$1@mhafn.production.compuserve.com>, Barry
> <74447.2565@CompuServe.COM> wrote:
>
> > I am interested in purchasing either the Yaesu Ft-530 or FT-51R.
> >
> > Thanks,
> > Barry -- KB2KK
>
> --
> Dick Kriss
> kriss@spec.com

I have the FT51R and my son has the FT530. I prefer the 51 because it is simpler to operate, has an alphanumeric memory display and all the options are easily setable. The 530 has many more options like a clock display and programable power off and on, but you need the manual to change those settings you do not use often.

As for the power, I have both the small and the large (5W) batteries. Most of the time, I use the small battery. The diffrence in power is not so apparent but the difference in weight and size is.

--
Jean-Marie VE2AEY

3432. Re: GrandFather left 2 Garages full of Stuff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: jaminge@pb2esac.esac.pacbell.com
Message-ID: <4ib0gh$748@gw.PacBell.COM>
Source record: 204582
Cross-posted to:
rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.swap

In article <4iabe2$osk@nadine.teleport.com>,
Ted Culin <tculin@teleport.com> wrote:
>moore@isd.upmc.edu (James Moore) wrote:

>> GrandFather passed and left 2 garages full of stuff.

>> GrandMother wants rid of it.

>> If interested call 1 800 996-2971

>> Thank You

>Well at least he could have put a good phone number on his posting.
>Number is not in service.

Doesn't work from S. Calif either. It is possible that it works
locally someplace. Not all 800 numbers are nation-wide. Some of
them are re-used several times in different markets.

I haven't seen any follow-up posts from James Moore, either.
Is this some sort of sophomoric "humor"?
Good grief! look at all those newsgroups!

-John
--

John Minger <jaminge@pacbell.com> Interests: Genealogy, Amateur Radio
KE6DTC@K6VE.#SOCA.CA.USA.NOAM, TCP/IP: 44.16.1.240 - ke6dtc.ampr.org
---

3433. VOX for KWood TS-50?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: wb6vgi@aol.com
Message-ID: <4idbu6$r42@newsbf02.news.aol.com>
Source record: 204583

Anyone out there come up with a good vox for the TS-50? I've tried the
Ramsey
VOX kit without much success. It needs an anti-vox circuit which it doesnt
have.
Any one tried to modify the ICOM outboard VOX unit for use with the TS-50?
Larry Minnis
WB6VGI/KG4ML

3434. Trans-O as Extra ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: Jim Dillon <Beadgal@PTIALASKA.NET>
Message-ID: <4iapko$scg@news.dgsys.com>
Source record: 204584

Hello Z folk-

A friend who had just seen "White Squall" inquired as to the
model number of the Zenith TO seen as setpiece in cabin
of the 4-master in this story set in early 50s. Anybody
see the flick...what is T-O, and was Jeff Bridges able to
figure out how to extend the antenna or open up the rig? White
Squall is playing at a theater near....
BTW...I have a theater speaker system composed of an 18" and
15" EV Electro-Voice drivers and hefty l/C xover. Any idea
of worth of such?
Thanks Jim Dillon beadgal@ptialaska.net
Seeking National NC-100X, other Tuning Eye Gear

3435. Re: GAP Voyager DX vertical antenna.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <4ibb9q$1k38@info4.rus.uni-stuttgart.de>
Source record: 204585
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In article <4i2h8i$r80@news.mcn.net>,
Vince Fiscus, KB7ADL <vfiscus@mcn.net> wrote:
>
>Is the GAP Voyager DX a good vertical ?

Well, it depends what you call a good vertical.

it is quite expensive and looks impressive, However, performance
is similar to a dummy load. It is easily beat by a dipole at the same
height.

A good vertical comes with a ground plane.

73, Moritz DL5UH

3436. Info On operating in AUS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-15 00:00:00 UTC
From: Mike Lynn <100135.2612@CompuServe.COM>
Message-ID: <4ibm7iqar2@mhafn.production.compuserve.com>
Source record: 204586

Anyone,

I am coming over to Australia (Sydney) in may and i'm after as much

info on freq's and repeater outputs as i can get.

Also are the prices comparable as England? Should i buy over here and
take with me or should i buy in AUS???

Mike Lynn

Compuserve 100135,2612

--
Mike Lynn
Comms Guru
lynnm@westpac.demon.co.uk
compuserve 100135,2612

3437. WANTED: Dead or Alive

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-16 00:00:00 UTC
From: silverwolf@eworld.com
Message-ID: <4ie3tl$2kv@hp5.online.apple.com>
Source record: 204460

Greetings,

If you have any communications equipment dead or alive you don't need, i need it! This will work best if your around central Oregon cause I can't pay much more than shipping and/or a few bucks. Please!,

Good speed to you modem
Silver Wolf
SILVER WOLF@eWorld.com

3438. Central New Jersey Hamfest!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-16 00:00:00 UTC
From: "William M. Bickley" <wbickle@ix.netcom.com>
Message-ID: <314B872B.588C@ix.netcom.com>
Source record: 204461

HAMFEST! - New Jersey (Trenton) - Delaware Valley Radio Association. Sunday, March 24th - rain or shine. Vendor setup 6:30am; public 7:30am to 2:00pm. Trenton State College Student Recreation Center - Route 31 approx. 1 mile south of I-95/Route 31 exit. Admission $5.00; Tailgaters $10.00 (includes space and admission); Inside Vendors $20.00 (includes space and admission). Free parking; refreshments; handicapped accessible. Talk-in 146.67 and 442.650. For info, call DVRA hotline at (609) 882-2240.

3439. IC706 VHF Mars/CAP transmit ??????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-16 00:00:00 UTC
From: stever@raven.cybercom.com
Message-ID: <4id9pl$8p8@crow.cybercomm.net>
Source record: 204462

Well it's been over a month or so and the service manuals
have been out...Has anyone undone Icom's blunder of
excluding VHF/CAP Mars operators????

Steve, WA2NHZ

****

Stephan Rashkin, WA2NHZ
E-mail: stever@raven.cybercom.com

Looking for:

1. Johnson VF-122 VFO
2. BC696 / T-19 Command Xmtr

****

3440. FCC-Out of Control??? Please Read

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-16 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9603161949.AA21570@imlad>
Source record: 204463

THis is an equipment forum , not a political forum
but I will say this. When the FCC gives you a license,
it is granting you a prelivege, not a right. This twist
the language and say prelivege=right is a liberal
interpretation, usually not the original intent of the
law.
73
mike

Date: Tue, 12 Mar 1996 09:13:05 GMT
From: drbs.rick.eutsler@internetmci.com (Rick Eutsler)
Subject: FCC-Out of Control??? Please Read

FOR IMMEDIATE RELEASE
CONTACT: RICHARD D. EUTSLER, SR.
March 11, 1996
Liberty News Service - 802-485-4170

F.C.C. Refuses to License Low Power Broadcasters

Radio Police Raid Small Broadcaster Instead

3441. Alinco DX70 Experience

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-16 00:00:00 UTC
From: singhr@cuug.ab.ca
Message-ID: <4idu72$9ok@dec3300.cuug.ab.ca>
Source record: 204464

Hi
Raj here in Calgary, Alberta. Anybody out ther have any experience with
the Alinco DX70 mobile HF rig. Good, Bad or the Ugly - all experiences
would be appreciated.
Thanks
Raj
VE6RAJ

3442. QRP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-16 00:00:00 UTC
From: Bill@halcyon.com
Message-ID: <NEWTNews.827036105.23609.bill@bill.halcyon.com>
Source record: 204465

Does anyone know of a QRP mail reflector or newsgroup?

Thanks,

Bill

3443. FS:Yaesu FT-411E + stuff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-16 00:00:00 UTC
From: LEMPICKI@austen.oit.umass.edu
Message-ID: <4iegau$259@nic.umass.edu>
Source record: 204466

I have an FT-411E for sale. It is in mint condition, having recently been sent to the factory for a new speaker/mike jack...came back looking like they sent me a new radio! Must sell it to pay for some other recently purchased gear. Accessories include 3 battery packs (FNB-11, FNB-14, FNB-10), PA-6 mobile DC adapter, and NC-29 desk quick charger. I paid over $630 new for all this....asking $375, but will consider reasonable offers.
This radio works great, no problems...also has all mods for extended RX/TX.
Oh yeah, and a soft case too! -Gerry

3444. Looking For Map

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-16 00:00:00 UTC
From: n9mxt1@aol.com
Message-ID: <4if7pr$emf@newsbf02.news.aol.com>
Source record: 204467

Hello,
I was wondering what you can a map that displays beam headings??
Example: You look up JA1 and it would say something like 310 Degree's. I used to have one and forgot the name of what its called. Anyways, I am looking for this type of map and don't know where to find it. If anyone has one and willing to get rid of it or sell it please let me know....

Thanks for your time N9MXT1 - Jeffrey

3445. Re: Weird Radio Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-16 00:00:00 UTC
From: dg715@cleveland.Freenet.Edu
Message-ID: <4idjm1$f0c@madeline.INS.CWRU.Edu>
Source record: 204468
Cross-posted to: alt.radio.scanner,alt.radio.pirate,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

Commercial airline frequencies are just above the statndard FM
broadcast band. Your radio probably has a "cheap" tuner that
doesn't just zero in on the desired frequency, but is subject to
interference on nearby frequencies when a transmitter operating on
those nearby frequencies is nearby (gee...how many more times could
I squeeze the word "nearby" into that sentence?).

What's happening is your radio is probably tuned to an FM station
near the upper end of the band (around 107-108mhz) and you're
probably under a flight path. When a plane is nearby (there's
that word again) and the pilot transmits on one of the lower
airline frequencies, your radio's less than discriminating tuner
picks it up.
--
(DAVID MARK) dg715@cleveland.freenet.edu

3446. Re: FT530 Mod-Extended Tx didn't work

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-16 00:00:00 UTC
From: keeton@saucer.cc.umr.edu
Message-ID: <4if014$rop@hptemp1.cc.umr.edu>
Source record: 204469

I just bought my ft-530.. I did the green wire mod... I worked fine.. I got extended UFH and it claimed 800-950.. But I put it next to a scanner and the radio didn't pick up the signals the scanner did. But...
That night the memory got erased and now I have 110-174 rx 144-148 tx and normal UHF stuff.. I went back into it and chacked pad 13 and the resister (0 ohm) on pad 15.. Both were fine..
I tried the up & down arrow thing again. (several times) and holding MR and VFO while turning it on..

Somebody said that this mod toggled.. Is this true? Did I un-toggle it?
If so can I turn it back on??
Thanks...

John Keeton
KB0VEH
keeton@cs.umr.edu
http://www.umr.edu/~keeton

Michael Parkin (parkin@Eng.Sun.COM) wrote:
: I made the jumperpad 13 mod on my FT530, originally purchased
: March 1993. The extended Rx worked but the extended Tx was only
: to 450 not the 461 or 470MHz that was advertised. Any help on this?

: Thanks, Mike (KN6AN)

3447. Need Kenwood TS820S Service Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-16 00:00:00 UTC
From: Bob Ludlum <brlpe@gnn.com>
Message-ID: <4ig36f$fqi@news-e2a.gnn.com>
Source record: 204470

I'm looking for a service manual (or a good copy) for
the Kenwood TS-820S HF Transceiver. Please email
details.

Bob K4LXA

3448. Re: Weird Radio Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-16 00:00:00 UTC
From: Michael J Wooding <vhf-comm@g6iqm.demon.co.uk>
Message-ID: <Atma7EAFnqSxEwv1@g6iqm.demon.co.uk>
Source record: 204587
Cross-posted to: alt.radio.scanner,alt.radio.pirate,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

In article <4idjm1$f0c@madeline.INS.CWRU.Edu>, David Mark
<dg715@cleveland.Freenet.Edu> writes
>What's happening is your radio is probably tuned to an FM station
>near the upper end of the band (around 107-108mhz) and you're
>probably under a flight path. When a plane is nearby (there's
>that word again) and the pilot transmits on one of the lower
>airline frequencies, your radio's less than discriminating tuner
>picks it up.

Whilst that is very feasible, due to the low powers transmitted by
aircraft (RX levels of the order of less than -90dBm even with the sorts
of aerials and masts etc., that we use in the CAA !) then I would
imagaine that the aircraft must be relatively low when overflying his
property to cause these signals to be strong enough to swamp the radio.

Mike

Michael J Wooding vhf-comm@g6iqm.demon.co.uk - CompuServe: 100441,377
WWW: http://www.eolas.co.uk/ag/vhfcomm.htm (hambits.htm & hamclip.htm)
WWW: http://www.clearlight.com/~vhfcomm
Tel: (0)1788 890365 Fax: (0)1788 891883
KM Publications, 5 Ware Orchard, Barby, Nr.Rugby, CV23 8UF, UK
VHF Communications Magazine - Especially Covering VHF, UHF and Microwaves

3449. Re: GrandFather left 2 Garages full of Stuff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-16 00:00:00 UTC
From: Bill Funk <skypilot@starlink.com>
Message-ID: <4id9ib$3sq@pegasus.starlink.com>
Source record: 204588
Cross-posted to:
rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.swap

cjrobins@falcon.eag.unisysgsg.com (Clair Robinson) wrote:
>James Moore (moore@isd.upmc.edu) wrote:
>
>: GrandFather passed and left 2 garages full of stuff.
>
>: GrandMother wants rid of it.
>
>: If interested call 1 800 996-2971
>
>: Thank You
>
>
>Could you at least tell us what state its in?
==========
What do you wanna bet this is an ongoing commercial deal?
No descriptions, an 800 number...

--
Bill Funk - skypilot@starlink.com
ASCIi User Group - http://www.starlink.com:80/~ascii
User groups: More info than you can shake a CD at!
Try one near you!

3450. Re: Weird Radio Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-16 00:00:00 UTC
From: jlundgre@delta1.deltanet.com
Message-ID: <4ien10$afe@news02.deltanet.com>
Source record: 204589
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

Peter Neidhardt (petern@terraport.net) penned:
: I own a cheap General Electric boombox (about a $100 in value) that is a
: few years old. It works well but when I am on a certain FM channel
: listening to my favourite station, I intermittenly pickup actual radio
: transmissions from overhead commercial airliners. These are actual
: commercial airline communiques to the tower and back. I know it is
: because the pilot states the airline and other info. like heading and
: other number jumbo stuff. This is a simple radio with no short wave or
: any extra bells or whistles and it works well except for the fact that
: every so often it interupts the music and I hear aircraft communication
: messages. Does anyone have any idea what causes this? I thought
: Commerical Airline bands were totally different and not even close to the
: FM bands.

: Thanks greatly!
: Peter

Commercial airline freqs are right above the FM band. Your radio is receiving an image freq and detecting it even to it's AM and not FM. The airplane is probably really close, maybe overhead.

Image freqs work something like this. The IF of the radio is 10.7 MHz, but let's just use 10 MHz. The radio station is at 100 MHz. The IF is 10, so the local oscillator is at 110 MHz. The receiver can receive at both the sum and difference of the two, so it can receive at either 100 MHz or 120 MHz. The 120 MHz is (somewhat) tuned out by the receiver's tuned circuits leaving the 100 MHz. But sometimnes the receiver doesn't do the tuning too well. And sometimes the unwanted transmitter is real close, so it gets thru anyway.

If youre using the built-in rabbit ears, make sure they are fully extended. If you are always in a certain area, the location may be affecting the reception of your fav FM station, so try to maximize the signal by changing the location. You could also try reducing the signal strength by putting the antenna in the collapsed position. Maybe one of these might help enough to eliminate your problem.

Another boombox might help, too. I bought some cheap soundesign radio in a bargain pack along with a flashlight and some batteries. I liked it because it received both FM and TV. But the receiver is atrocious, and receives all sorts of images of who knows what. It really sucks, but what can one expect when buying a radio and flashlight with batteries for twenty bucks? Not much, I guess. The Renewal batteries suck, too. They try to nail you later for the cost of the recharger! Forget it.

--
#======P=G=P==k=e=y==a=v=a=i=l=a=b=l=e==u=p=o=n==r=e=q=u=e=s=t======#
John Lundgren - Elec Tech - Info Tech Svcs.	jlundgre@
Rancho Santiago Community College District	deltanet.com
17th St at Bristol \ Santa Ana, CA 92706	http://rsc.rancho
My opinions are my own, and not my employer's.	.cc.ca.us
Most FAQs are available through Thomas Fine's WWW FAQ archive:
http://www.cis.ohio-state.edu:80/hypertext/faq/usenet/FAQ-List.html
"You can flame your brains out -- it won't take long."
#===T=u=z=l=a==C=o=m=p=a=n=y=.=.===t=h=r=e=e='=s==L=e==C=r=o=w=d=!==#

3451. Re: Kenwood TM 733A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-16 00:00:00 UTC
From: subbustr@whidbey.net
Message-ID: <4idgu2$5tg@whidbey.whidbey.com>
Source record: 204590

Got the info/....subbustr@whidbey.net

3452. Re: Weird Radio Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-16 00:00:00 UTC
From: William W Janssen <billj@calweb.com>
Message-ID: <4ie4qr$1ut@news.calweb.com>
Source record: 204591
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

What you are hearing is on the image frequency. Your superhetrodyne receiver has an oscillator 10.7 MHz above the receive frequency. The radio also picks up signals that are 10.7 above the oscillator. or 21.4 MHz above the intended FM frequency. Aircraft operate in the 118 to 136 MHz range.

Bill K7NOM

3453. FS: Yeasu FT-767FX All Mode HF Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-16 00:00:00 UTC
From: amy@azstarnet.com
Message-ID: <amy.5.002767F6@azstarnet.com>
Source record: 204592
Cross-posted to: rec.radio.amateur.equipment,rec.radio.cb,rec.ham-radio.swap,radio.amateur.equipment

Hello, I have a very nice Yaesu FT 767GX for sale. All Mode 160-10M.This radio has all of the bells and whistles, internal power supply, built in antenna tuner, digital watt-meter, speech processor, notch filter, and lots more. It Recvs and transmits on all frequencies between 1-30 MHZ. This radio has the ability to talk on 6m, 2m, and 70cm (AM,FM,CW,SSB) with optional modules. None are included. I will sell this radio for $1150 shipped and insured to your door or I will consider trades. Please reply to Amy@azstarnet.com with offers, questions etc.

Thx

3454. Re: Marine and ham HF/SSB

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-16 00:00:00 UTC
From: genek@dibbs.net
Message-ID: <314A9EBC.F85@dibbs.net>
Source record: 204593

Barry Brazier wrote:
>
> Is it possible to buy a HF/SSB radio that can be used for Marine and ham
> frequencies 2000 to 30000 . How much would a suitable secondhand radio
> cost. How does that compare to buying to separate marine and Ham radios
> I have on my boat a crystal tuned marine HF/SSB with 10 fequencies 2 to
> 8 and would like to get somthing more versitle fo long range cruising
>
> VLV8987

Icom is marketing the IC-706 to the Marine market. They have a
package that includes a single-ended antenna tuner for vessel.
I presume it is all legal, and as far as I can tell it is the same
as the amateur model.

--
Gene Kennedy, Mobile AL
genek@maf.mobile.al.us
genek@dibbs.net
wa4wbi@maf.wa4wbi.ampr.org

3455. Re: Final Tubes 6146...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-16 00:00:00 UTC
From: genek@dibbs.net
Message-ID: <314AA067.17C9@dibbs.net>
Source record: 204594

S{nn{l{ Mikko wrote:
>
> Now that we are talking about final tubes...
> What are the differences between various versions of 6146 ie. 6146, 6146A,
> and 6146B, and are they interchangeable?
> --
> Mikko OH8JMX
> Mikko,
I dont know about a 6146 with no suffix, but the 6146B is rated at
higher operating voltage and current than the 6146A. They are
interchangable insofar as a "B" could always replace an "A", but an "A"
might require lowering the plate and screen voltage.
--
Gene Kennedy, Mobile AL
genek@maf.mobile.al.us
genek@dibbs.net
wa4wbi@maf.wa4wbi.ampr.org

3456. FS-MINT YEASU FT-736R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-16 00:00:00 UTC
From: tlifland@aol.com
Message-ID: <4ie987$5ti@newsbf02.news.aol.com>
Source record: 204595

SELL MINT YEASU FT-736R WITH FTS-8 TONE ENCODER/DECODER BOARD AND MH-1 MICROPHONE. ORIGINAL WARRANTY (HAS NEVER BEEN REGISTERED) $1,450.

TOM - W2RFU

3457. (no subject)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-16 00:00:00 UTC
From: "Philip Singley, Jr." <popo@mail.netdoor.com>
Message-ID: <4iecv5$6h2@axe.netdoor.com>
Source record: 204596

I'm looking for a source of antique amateur radio equipment. Any help appreciated.

3458. Antique amateur radio equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-16 00:00:00 UTC
From: "Philip Singley, Jr." <popo@mail.netdoor.com>
Message-ID: <4ied6p$6h2@axe.netdoor.com>
Source record: 204597

Looking for a source for antique amateur equipment. Any help
appreciated.

3459. Antique amateur radio equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-16 00:00:00 UTC
From: "Philip Singley, Jr." <popo@mail.netdoor.com>
Message-ID: <4ief17$70n@axe.netdoor.com>
Source record: 204598

Looking for a source of antique amateur radio equipment - either Company
or individual. Any help will be appreciated.

3460. FL7000 Linear with the TS 870

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-16 00:00:00 UTC
From: freemike@inforamp.net
Message-ID: <4idf6c$mbr@sam.inforamp.net>
Source record: 204599

I wonder if anyone has hooked up the fl 7000 to an 870. I believe the FL 7000 uses negative alc and the kenwood 870 positive. I find it very difficult to control the linear without an alc connection. Any help??? Mike, VE3bge

3461. Re: Help: Ten Tec Argosy schematic/docs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-16 00:00:00 UTC
From: lenrev@wwa.com
Message-ID: <4id5gl$f30@kirin.wwa.com>
Source record: 204600
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,uk.radio.amateur

Ten-Tec probably has manuals, if not they will send a photocopy, at a
reasonable cost. I think I only paid a few bucks for a good Argo 509
copy.
dhatcher@bibbway.bt.co.uk (Darren Hatcher) wrote:

>Hi All,

>I've just become an owner of a Ten Tec Argosy and don't have much in the way
>of documentation for it. I've had no joy net-searching so far, so ...
>has anyone got a user manual, schematic or modification info to share???
>Postage, etc, would be re-embursed.

>Thanks in advance for any info,

>Darren Hatcher
>G0WCW
>dhatcher@bibbway.bt.co.uk

3462. Guide to the Personal Radio Newsgroups

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-16 00:00:00 UTC
From: jmaynard@admin5.hsc.uth.tmc.edu
Message-ID: <radio/personal-intro_826959501@rtfm.mit.edu>
Source record: 204601
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.info,rec.answers,news.answers

```
Posted-By: auto-faq 3.1.1.2
Archive-name: radio/personal-intro
Revision: 2.1 1994/11/01 03:50:23
Posting-Frequency: posted on the 15th of each month

This message describes the rec.radio.amateur.*, rec.radio.cb,
rec.radio.info, and rec.radio.swap newsgroups, as well as their Internet
mailing list counterparts and complements. It is intended to serve as a
guide for the new reader on what to find where. Questions and comments may
be directed to the author, Jay Maynard, K5ZC, by Internet electronic mail at
jmaynard@admin5.hsc.uth.tmc.edu. This message was last changed on 31 October
1994 to add the discussion of non-Usenet mailing lists and streamline most
of the history discussion, and to change the moderator information for
rec.radio.info.

History
=======

Way back when, before there was a Usenet, the Internet hosted a mailing list
for hams, called (appropriately enough) INFO-HAMS. Ham radio discussions
were held on the mailing list, and sent to the mailboxes of those who had
signed up for it. When the Usenet software was created, and net news as we
now know it was developed, a newsgroup was created for hams: net.ham-radio.
The mailing list and the newsgroup were gatewayed together, eventually.

Over the years, as the net grew, the volume of discussion became
progressively higher. First one by one, and then as part of two
reorganizations, what was once one group became many. In the process,
developments elsewhere on the net were reflected in the groups as they were
created, most notably the change to place all of the ham radio groups in one
hierarchy.

The collection of newsgroups continues to grow as more people join the net,
and as more topics of discussion gain volume, I expect to see more groups be
created as well. This follows what is happening on the rest of the net.

Nearly all of the radio newsgroups have corresponding mailing lists, the
notable exception being rec.radio.swap. There are also a few mailing lists
that don't have newsgroups.

The Current Groups
==================

It's important to post messages to the group that's appropriate for them,
and not to the groups that aren't. The whole idea of having different
```

newsgroups is so that folks who aren't interested in, say, homebrewing, don't have to wade through messages about homebrewing on the way to read about Field Day. Posting appropriately is just good etiquette.

The rec.radio.amateur.misc group is the catchall. It is what rec.ham-radio was renamed to during the first major reorganization. Any message that's not more appropriate in one of the other groups belongs here, from contesting to DX to ragchewing on VHF to information on becoming a ham.

The group rec.radio.amateur.digital.misc is for discussions related to (surprise!) digital amateur radio. This doesn't have to be the common two-meter AX.25 variety of packet radio, either; some of the most knowledgeable folks in radio digital communications can be found here, and anything in the general area is welcome. The name was changed to emphasize this, and to encourage discussion not only of other text-based digital modes, such as AMTOR, RTTY, and Clover, but things like digital voice and video as well. The former group, rec.radio.amateur.packet, was removed on September 21st, 1993. It is obsolete, and you should use .digital.misc instead (or the appropriate new mailing list, mentioned below). The group has .misc as part of the name to allow further specialization if the users wish it, such as .digital.tcp-ip.

The swap group is rec.radio.swap. This recognizes a fact that became evident shortly after the original group was formed: Hams don't just swap ham radio gear, and other folks besides hams swap ham equipment. If you have radio equipment, or test gear, or computer stuff that hams would be interested in, here's the place. Equipment wanted postings belong here too. Discussions about the equipment generally don't; if you wish to discuss a particular posting with the buyer, email is a much better way to do it, and the other groups, especially .equipment and .homebrew, are the place for public discussions. There is now a regular posting with information on how to go about buying and selling items in rec.radio.swap; please refer to it before you post there. To answer a frequently asked question: No, there is no mailing list that goes along with this group. If you can't read Usenet news directly, you're out of luck.

The group rec.radio.amateur.policy was created as a place for all the discussions that seem to drag on interminably about the many rules, regulations, legalities, and policies that surround amateur radio, both existing and proposed. Recent changes to the Amateur Radio Rules (FCC Part 97) have finally laid to rest the Great Usenet Pizza Autopatch Debate - it's now legal to order a pizza on the autopatch, if you're not in the pizza business - as well as complaints about now-preempted local scanner laws hostile to amateurs, but plenty of discussion about what a bunch of rotten no-goodniks the local frequency coordinating body is, as well as the neverending no-code debate, may still be found here.

The group rec.radio.cb is the place for all discussion about the Citizens' Band radio service. Such discussions have been very inflammatory in rec.ham-radio in the past; please do not cross-post to both rec.radio.cb and rec.radio.amateur.* unless the topic is genuinely of interest to both hams and CBers - and very few topics are.

The rec.radio.info group is just what its name implies: it's the place where informational messages from across rec.radio.* may be found, regardless of where else they're posted. As of this writing, information posted to the group includes Cary Oler's daily solar progagation bulletins, ARRL bulletins, the Frequently Asked Questions files for the various groups, and radio modification instructions. This group is moderated, so you cannot post to it directly; if you try, even if your message is crossposted to one of the other groups, your message will be mailed to the moderator, who is currently David Dodell, WB7TPY. The email address for submissions to the group is rec-radio-info@stat.com. Inquires and other administrivia should be directed to rec-radio-info-request@stat.com. For more information about rec.radio.info, consult the introduction and posting guidelines that are regularly posted to that newsgroup.

The groups rec.radio.amateur.antenna, .equipment, .homebrew, and .space are for more specialized areas of ham radio: discussions about antennas, commercially-made equipment, homebrewing, and amateur radio space operations. The .equipment group is not the place for buying or selling equipment; that's what rec.radio.swap is for. Similarly, the .space group is specifically about amateur radio in space, such as the OSCAR program and SAREX, the Shuttle Amateur Radio EXperiment; other groups cover other aspects of satellites and space. Homebrewing isn't about making your own alcoholic beverages at home (that's rec.crafts.brewing), but rather construction of radio and electronic equipment by the amateur experimenter.

Except for rec.radio.swap and rec.radio.cb, all of these newsgroups are available by Internet electronic mail in digest format; send a mail message containing "help" on a line by itself to listserv@ucsd.edu for instructions on how to use the mail server.

All of the groups can be posted to by electronic mail, though, by using a gateway at the University of Texas at Austin. To post a message this way, change the name of the group you wish to post to by replacing all of the '.'s with '-'s - for example, rec.radio.swap becomes rec-radio-swap - and send to that name@cs.utexas.edu (rec-radio-swap@cs.utexas.edu, for example). You may crosspost by including multiple addresses as Cc: entries (but see below). This gateway's continued availability is at the pleasure of the admins at UT-Austin, and is subject to going away at any time - and especially if forgeries and other net.abuses become a problem. You have been warned.

Mailing Lists

In addition to the mailing lists that mirror the Usenet newsgroups, there also are a few that stand alone. These cover specific areas of ham radio, and discussion is focused on just those areas.

The cq-contest mailing list is for discussions of contesting in ham radio. To join, send email with the word "subscribe" on a line by itself to cq-contest-request@tgv.com.

The DX mailing list covers the finer points of DXing. This one is also joined by mailing "subscribe" on a line by itself, this time to

dx-request@unbc.edu.

There's also a VHF mailing list, for VHF operators of the weak signal persuasion. You can join this one be sending "subscribe vhf" on a line by itself to vhf-request@w6yx.stanford.edu.

All of the following mailing lists are sponsored to the Boston Amateur Radio Club, as well as some others of local interest. Thanks to N1IST for the information.

qrp-l: This is the qrp mailing list, previously maintained by Bruce Walker at Think.com. It is for discussions about the design, construction, and use of qrp (low power) radios and related equipment.
arrl-ve-list: This is a one-way list, run by Bart Jahnke of the ARRL VEC, for announcements to VEs and VE teams.
w1aw-list: ARRL bulletins, news, and information
newsline-list: Redistribution of Amateur Radio Newsline
letter-list: Redistribution of the ARRL Letter
fox-list: Fox hunting and Radio Direction Finding
fieldorg-l: ARRL field organization discussions
ham-tech: Technical discussions and questions about Amateur Radio
arrl-exam-list: amateur radio license examinations scheduled in the US and in some foreign areas.

To sign up or inquire about these lists, send mail to listserv@netcom.com with the following in the body (subject is ignored) of the message.
<listname> is the name of the list to subscribe to.
To subscribe: subscribe <listname>
To unsubscribe: unsubscribe <listname>
For more information: help
To post (to the two-way lists), send your message to <listname>@netcom.com

Please do NOT send subscription requests to the mailing lists themselves; that doesn't work very often, and is very annoying to those on the list. Also, please keep your electronic mail address current with any mailing lists you subscribe to, as dealing with returned email is a nuisance for the person maintaining the mailing list.

A Few Words on Crossposting
==========

Please do not crosspost messages to two or more groups unless there is genuine interest in both groups in the topic being discussed, and when you do, please include a header line of the form "Followup-To: group.name" in your article's headers (before the first blank line). This will cause followups to your article to go to the group listed in the Followup-To: line. If you wish to have replies to go to you by email, rather than be posted, use the word "poster" instead of the name of a group. Such a line appears in the headers of this article.

One of the few examples of productive cross-posting is with the rec.radio.info newsgroup. To provide a filtered presentation of information articles, while

still maintaining visibility in their home newsgroups, the moderator strongly encourages cross-posting. All information articles should be submitted to the rec.radio.info moderator so that he may simultaneously cross-post your information to the appropriate newsgroups. Most newsreaders will only present the article once, and network bandwidth is conserved since only one article is propagated. If you make regular informational postings, and have made arrangements with the moderator to post directly to the group, please cross-post as appropriate.

--
Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
jmaynard@admin5.hsc.uth.tmc.edu | adequately be explained by stupidity.
"All is strange and vague." "Are we dead?" "Or is this Ohio?"
-- Yakko and Dot Warner

3463. SmartSwapNet

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-16 00:00:00 UTC
From: dale@ix.entrepreneurs.net
Message-ID: <4iesi8$gtk@news.magi.com>
Source record: 204602

The Amateur Market Place Online Announces
the Launch of Smart SwapNet

Stop hunting through Usenet rec.radio.swap and receive
a targeted list of ads directly to your email box every morning.
Advertisers: Directly target interested buyers.
Notify the buyers list when your item has been sold
and avoid unnecessary enquiries.
Buyers: Receive notification only when items of interest
to you are available.

The Smart SwapNet is a new free Email service that forwards
your FORSALE, WANTED, and TRADE advertisements to a list of
buyers interested in specific equipment brands.

Visit the Smart SwapNet at

http://www.entrepreneurs.net/dale/smart.htm

3464. FS:lapel mics for STX&MT1000

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-16 00:00:00 UTC
From: qualcomm@netzone.com
Message-ID: <qualcomm.36.0033A0F8@netzone.com>
Source record: 204603

I have some new lapel mics for STX public safety style $60 each. MT1000 lapel mics (new) $49 each. I also have some new lapel mics for HT1000/MTS2000/JT1000/MTX8000.....$75each.

Thanks,

Gary

3465. Re: GrandFather left 2 Garages full of Stuff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-16 00:00:00 UTC
From: Dave Heil <k8mn@clinet.fi>
Message-ID: <314B378A.7BE5@clinet.fi>
Source record: 204604
Cross-posted to:
rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.swap

Jack Harper wrote:
>
> In article <4i49qb$jpt@usenet.srv.cis.pitt.edu>, moore@isd.upmc.edu (James
> Moore) wrote:
>
> > GrandFather passed and left 2 garages full of stuff.
> >
> > GrandMother wants rid of it.
> >
> > If interested call 1 800 996-2971
> >
> > Thank You
>

Yep, Give old Grandma a buzz on her handy toll-free number. This is a
limited time offer so call today!

Dave OH2/K8MN

3466. TEN-TEC Omni VI

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-16 00:00:00 UTC
From: brannick@liberty.com
Message-ID: <4id9m4$k0g@news.liberty.com>
Source record: 204605

Would like to get some opinions as to how this rig stacks up against the other radios in its price class.. like the FT-990 or the TS-850. I would kinda like to support an US made product, as long as to compares favorably with the competition.

3467. Re: Periphex Inc-still ar

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-16 00:00:00 UTC
From: mitch@primenet.com
Message-ID: <314b9f6c.1295849@news.primenet.com>
Source record: 204606

Alan Raskind <alan.raskind@trw.com> wrote:

>Mike Morris wrote:
>>
>> To: reed@pacifier.com
>> Subject: Re: Periphex Inc-still around?
>>
>> R>Myself and 3 friends all ordered batteries from Periphex for IC-W2A Icom
>> >handhelds. All 3 cases broke around the mount within 2 months. Periphex
>> >refused to honor their "1 year warranty" and all 3 had to be tossed.
>>
>> R>DO NOT BUY FROM PERIPHEX! You will regret it!
>>
>> I have a friend that purchased a Periphex replacement insert
>> booth at an ARRL convention. He misplaced it, and 14 months later
>> foudn it and gave it to me.
>> Before opening the heat-sealed plastic bag that the factory
>> packages the inserts in I noticed that two of the cells
>> were reversed during manufacture.
>> I pointed this out to my friend and asked him if he still had the
>> receipt so I could exchange it. He was upset at himself that he
>> hadn't noticed it, and mailed the receipt to me the next day.
>>
>> I laid the battery pack on the xerox machine at the office, and made a
>> "picture" clearly showing the reversed cells, the label, and the
>> receipt, all of which I faxed to Periphex, with a letter requesting
>> an exchange insert. After all, I figured that a manufacturing defect
>> should be an exchange item (especially on a factory sealed batery).
>> In the same letter I also requested a quote on two additional inserts-
>> at that time I had 4 batteries, one of which was good, two pretty
>> good, and one dead.
>>
>> The response from Periphex was a fax stating, rather rudely:
>> a) it's not our problem, talk to your vendor, and
>> b) it's past warranty anyway (didn't matter that their
>> sealed plastic bag had never been opened and that was
>> visible in the fax and stated in the letter).
>>
>> I have one of their oversize batteries for my radio; it also
>> broke at the area right at the top where the battery attaches to
>> the radio. The fault is really the Yaesu design staff; they did not
>> leave enough thickness in that area for the type of plastic used.
>> Periphex could make a number of friends if they would sell replacement
>> case pieces. I can understand their reluctance - people could buy the

>> pieces and maye their own batteries. There is a way around that:
>> sell only to existing customers, and require the broken case be sent
>> back. The original message from Reed above references 3 lost customers,
>> All of them could have been salvaged as customers if they would
>> sell replacement shells. I was willing to send back the battery,
>> as I did, and pay to have the shells replaced.
>>
>> Additional personal past experience as been that their engineering
>> department has no interest in listening to outside people- I offered
>> a couple of ideas and was told "we're not interested in outside
>> ideas" (a direct quote!) - does this sound like the "Not Invented Here"
>> syndrome that's mentioned in business school?
>>
>> So they have lost me as a customer for good; one that was consistently
>> worth about $700-900 per year in referred and direct orders. For a
>> company of their size, that's not much in the corporate yearly bottom
>> line, but they can't afford to piss off too many customers and survive.
>> An old business school line is that it takes years to make a customer,
>> seconds to lose one. And one lost is really 10 lost because they
>> talk to each other.
>>
>> I was in Portland OR for several months last year, and went to a couple
>> of the local club meetings with a local friend. At one of the
>> after-meeting coffee shop get-togethers a new ham asked "Where can I
>> get a good battery pack for my handheld besides Icom?", before I
>> could open my mouth several other hams at the pizza party said "avoid
>> Periphex!" - and these were several of the prominent local hams.
>>
>> A friend who owned a hardware store years ago once told me that
>> as long as his only contact with a vendor was as one more order
>> form with a stapled check he'd never really get to know the vendor.
>> He said that it's when your order or request is a little out of the
>> ordinary and you start communicating with a decision-maker rather
>> than a order-taker that a vendors true colors show. He was right.
>> I am now exploring other vendors. All I am looking for is to
>> be treated the way I'd treat a customer at my business.
>>
>> --
>> ---
>> Mike Morris morris@grian.cps.altadena.ca.us
>
>Mike,
>
>I read your posting (and the rest of the thread) on Periphex with great
>interest. My experience fortunately has not been nearly that bad, but I
>think that's because I bought their batteries just after they started
>selling them. My batteries seemed to hold relatively well. The cases
>were well made, but one fit very snug and one was somewhat loose.
>
>I guess my real question is that if Periphex doesn't want to support the

>amateur community, who should we go to for batteries other than the OEM
>HT suppliers? I personally have never bought any W&W Associates
>batteries because I had "heard" that their cases were NOT well made and
>fit was poor. Don't have any first hand knowledge on the quality of the
>NiCads they use or how they hold up. I am tempted to go to them instead.
>
>So, if we hams stick together, companies that don't want to support us on
>righteous issues, such as factory reversed batteries, etc., we should go
>elsewhere.
>
>I (and I'm sure others) would like to hear about experiences regarding
>other HT battery suppliers (both good and bad), starting specifically
>with W&W Associates.
>
>How are their batteries?
>Case quality and fit?
>Life expectancy?
>Nicad memory?
>What about their Master Charger I that uses "delta negative voltage
>detection" with the custom charging "cups"?
>Does it work OK?
>Does this charging method help improve the life of the battery?
>What about the quality of the cups and chargers themselves?
>
>Info on any other suppliers?
>
>I'm sure that most of us will be very interested in these postings.
>
>Thanks, Alan, WA6AQC
Alan,
I have been using W&W batteries for several models and brands of
radios for several years now and other than the case finish, I like
them and have had very good luck with them. I have also used their
Master Charger 1 for quite awhile and like it also. I use their
charger for HT's that a 12 volt rapid charger is not available for.
This is great when you are out working ARES or SARC as you don't
usually have the comfort of house current for most rapid chargers.
Good Luck with them
Bill
N0EVG

3468. Re: GrandFather left 2 Garages full of Stuff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-16 00:00:00 UTC
From: Gary Davidson <tech@thereporter.com>
Message-ID: <4idchp$pld@miwok.nbn.com>
Source record: 204607
Cross-posted to:
rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.swap

ON the OTHER hand, it could have been a "dirty trick", where someone knowing the other guy's pager number listed what he KNEW would create an avalanche of phone calls to the poor sucker with the cell phone....

--
Gary... KJ6Q... I am the NRA | Annoy a Liberal - say NO to gun control!
========================== | Annoy a Democrat - say BYE BYE CLINTON!
Those who choose to "beat |==================================
their swords into plowshares"| "It's *EASY* to be a liberal, it's
may end up *PLOWING* for | OTHER people's money you are giving
those who DON'T! | away! (or living off of!)

3469. Yaesu 530 mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-16 00:00:00 UTC
From: PMGK48A@prodigy.com
Message-ID: <4idcsl$n8c@useneta1.news.prodigy.com>
Source record: 204608

I would like to know if anyone (or if someone willl do it for me @ cost)
mod
to expand to more freq xmit and rec. Thanks Steve peaceg@roanoke.infi.net
73

3470. Re: Wanted! Dual band HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-16 00:00:00 UTC
From: Jeff Goldman <75162.2371@CompuServe.COM>
Message-ID: <4ied29nvt1@mhade.production.compuserve.com>
Source record: 204609

Have you checked out the ICOM W31A? It is modifiable for FULL 800MHz
coverage.

3471. Packet station for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-17 00:00:00 UTC
From: face2fce@aol.com
Message-ID: <4ihr3d$9q0@newsbf02.news.aol.com>
Source record: 204471

Hello,

I have for sale an AEA PK-88 tnc, with a PACE
Communicator II (older 2 meter radio, 15 watts high pwr, 5 low) both
powered by a Micronta rewgulated power suplly. Excellent condition, ready
to go station just needs computer with serial port. comes with comm
program also. price = $100.00

If interested e-mail me: face2fce@aol.com

73's - Tim (KD6YIU)

3472. Re: Coax specs?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-17 00:00:00 UTC
From: dsipe@calweb.com
Message-ID: <N.031796.125419.71@sac2-94.calweb.com>
Source record: 204472

```
>
>
> NEK Cable type RG 62 AWG 22 Flourofoam power limited cable class 2, 200
> degrees C Also Classified as to fire and smoke characteristics only NEC
> 725-2(b) *9*
>

RG-62 was used a lot for ARCNET LAN cabling. It's 93 ohm cable.

----
73 David KD6QFZ
dsipe@calweb.com
```

3473. WTB: Repeater controller with Autopatch

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-17 00:00:00 UTC
From: M <mbodenn4tzv@may-uky.campus.mci.net>
Message-ID: <4ih7vm$q54@ns.campus.mci.net>
Source record: 204473
Cross-posted to: rec.radio.amateur.equipment,rec.ham-radio.swap,rec.ham-radio

Need to buy a controller to replace the home brew system that club has.
Please give me a note if you have one for sale.

3474. Mods for Kenwood TH-59 or TH-89?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-17 00:00:00 UTC
From: dave@curly.virtual.org
Message-ID: <4ihq19$8so@moe.virtual.org>
Source record: 204474
Cross-posted to: rec.radio.amateur.equipment,sbay.hams

Looking for info on mods to extend TX/RX coverage of Kenwood TH-59 (23cm) and TH-89 (70cm/23cm) HTs. These radios, to the best of my knowledge, are only available in Japan and haven't been released on the US market.

Thanks,

Dave KE6AJC

3475. BOATANCHOR NEWSGROUP?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-17 00:00:00 UTC
From: bobbijec@aol.com
Message-ID: <4ihtjg$alk@newsbf02.news.aol.com>
Source record: 204475

Is there a place on the net where boatanchors are offered for sale or
wanted to buy?
Thanx,

Bill

3476. WTB: Heathkit HD-8999 Keyboard

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-17 00:00:00 UTC
From: PZUK66A@prodigy.com
Message-ID: <4ii21e$11vq@useneta1.news.prodigy.com>
Source record: 204476

Greetings and TNX for reading this.

I'm looking for a Heathkit CW Keyboard. Do you have one in your closet?
Do you know anyone that no longer is using theirs and wants to sell it?

Pleas Email pzuk66A@prodigy.com

Dennis..N0SAI..Colo.

3477. Re: Wanted-Yaesu FT-757GX Manual and computer interface equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-17 00:00:00 UTC
From: "George J. Molnar" <gmolnar@interealm.com>
Message-ID: <314C4784.7D8C@interealm.com>
Source record: 204477

Jeff London wrote:
>
> I have a YAESU FT-757GX but didn't get the manual...I am trying to
> interface the radiuo with a logging program and need the computer
> interface to get it working...Anyone Please

Check Feb 1993 QST, pages 37-41 for an interface diagram and pinouts
for the control connector.

Since the '757 only accepts data (frequency), and doesn't report
anything back, I never did build the thing. So, I can't vouch for
performance, etc.

Good luck!

--
George J. Molnar
Highlands Ranch, Colorado
Amateur Radio: KF2T@N0QCU.#NECO.CO.USA.NOAM
http://www.interealm.com/p/gmolnar/index.html

3478. Re: Need Mods for IC2000H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-17 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <4ig04r$amo@abyss.West.Sun.COM>
Source record: 204478

In article <DoCE8o.KwI@iquest.net>, Tim Murray <tamurray@iquest.net> wrote:
>Remove D8 Chip diode on logic unit. This opens up TX. Factory
>Rx is 118-174.

I actually tried this mod. Remove the front panel (remove the two
allen head screws, and pull the front panel straight out). D8 is
located near the bottom left of the PCB, next to the silkscreening
for 'W1' and 'D9'. D8 is the lone SMD diode near them.

Remove the diode. Re-install the front panel. The radio does
not require a reset, and will only transmit over the range
it receives FM.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *

3479. Re: Weird Radio Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-17 00:00:00 UTC
From: stubstad@ix.netcom.com
Message-ID: <4ifnrs$aol@dfw-ixnews3.ix.netcom.com>
Source record: 204479
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

In <petern-1403961714570001@saturn134.terraport.net>
petern@terraport.net (Peter Neidhardt) writes:
I intermittenly pickup actual radio
>transmissions from overhead commercial airliners. Does anyone have
any idea what causes this? I thought
>Commerical Airline bands were totally different and not even close to
the
>FM bands.

You are receiving civilian air comms on the image frequency of your FM RX. The civ air band is 108-136 MHz. Your FM RX tunes 88-108 and probably uses a LO at (88->108)+ 10.7 MHz to convert down to an IF at approximately 10.7 MHz. This means that strong air signals at approximately 2*10.7=21.4 MHz above the tuned FM band frequency will come in. Your radio is an FM RX, the air comms are AM, so audio may be distorted or noisy. Example...if a local tower uses say 120.1 MHz, you might hear it at about 98.7.
Jim

3480. Donations of 2-meter Rigs Needed.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-17 00:00:00 UTC
From: rshort@whidbey.com
Message-ID: <4ii4rh$ivf@whidbey.whidbey.com>
Source record: 204480

We need about twelve 2-meter transceivers for use on the Island County (Washington State) ARES/RACES emergency service packet network that is under construction. We can use 10 watt or better
rigs that are crystal controlled and do not have the sub-audible tone capability as well, of course, as the
newer xmtrs. Donations of equipment for this purpose gladly accepted. I'll personally pick up in the Pugent
Sound and surrounding communities.

Many Thanks and 73's

Ron Short
rshort@whidbey.com

3481. Re: GrandFather left 2 Garages full of Stuff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-17 00:00:00 UTC
From: dnorris@k7no.com
Message-ID: <4ii02u$rp6@news.syspac.com>
Source record: 204481
Cross-posted to:
rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.swap

khamer@axionet.com (Ken Hamer) wrote:

>> In article <4i49qb$jpt@usenet.srv.cis.pitt.edu>, moore@isd.upmc.edu
>(James Moore) wrote:
>>

>> > If interested call 1 800 996-2971
>> >
>> > Thank You

>Out of curiousity, to find out just what the scam was, I called the
>number. However, it is out of service. Bizarre!

The death of a loved one, particularly a member of the plant family
can really mess up one's mind. BUT...he sure generated a bunch of
bandwidth. {$->

cdn

3482. SWR Field expediant

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-17 00:00:00 UTC
From: dkassel@iadfw.net
Message-ID: <dkassel-1703961029470001@dal22-22.ppp.iadfw.net>
Source record: 204482

I have a small multi-tester, (100K Ohms, 360 micro Amps sensitivity) the leads can be plugged into AC.V; DC Ohms; 150mA; Ohms; 15V; 150V; 1000V. Can I use this meter to check SWR on a CB radio?

3483. Frequency Fight

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-17 00:00:00 UTC
From: redbone@juno.COM
Message-ID: <19960317.125602.14255.2.redbone@juno.com>
Source record: 204483

Could someone tell me who currently owns the following frequency in Sandusky Ohio: 464.550

Thanks,
Doug

3484. Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-17 00:00:00 UTC
From: cRiTTa66 <critta66@shadow.net>
Message-ID: <314C74DA.2BB3@shadow.net>
Source record: 204484
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

ok, heres the story,
A friend and i built the "FM-25" yesterday. We turned it on and nothing.. So we looked at the troubleshooting guide, "check all the capacatators for correct poplaraty" so well what do you know i fucked up on C4. So i re did c4 which is a 10uF ec. tried it again, it worked! After a little while of use (1 hour) is just stoped. no nothing, just static. I was prety MAD. So i took a lot at the PCB, it looked fine, no bridges or anything. My friend lookd at it and held it in her hand.. It suddnelt worked again. After this i set it up again to play some music from my walkman while listinging from my stero system in my room. after the fm-25 stoped working again is was ovious something is really fucked up with it.. but it was geting late and she had to go home. So today i was resoddering all the parts to see if i could fix the problem...
It works again. Ok this is good, then it fucked up again! Dam i was pissed. so i started touching the underside of the PCB, where all the soddering connections are. it still wasnet working. Even though the light for "freqency LOCK" was on the transmiter wan't working. before the led would just be off.

i also have this problem geting stero on the fm-25 before the unit completly broke. any ideas?

Well im having trouble , should i send it in to be repaired for $36? Or just send in the BA1404 and the program IC's to see if there fucked up? i dono. well if you have any suggestions please e-mail me at critta66@shadow.net.

Thanx in advance

PS i can be reached on IRC (undernet) on #god or #troy

3485. unsubscribe

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-17 00:00:00 UTC
From: 101332.2512@compuserve.COM
Message-ID: <960317220817_101332.2512_GHW79-3@CompuServe.COM>
Source record: 204485

unsubscribe

3486. Re: GrandFather left 2 Garages full of Stuff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-17 00:00:00 UTC
From: John Wilcox/NS1Z <ns1z@agate.net>
Message-ID: <314C5A8E.54C3@agate.net>
Source record: 204486
Cross-posted to:
rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.swap

When I called this one today, Grandma had apparently had it disconnected.
So much for the bargains, guess they were all snapped up......
--
John Wilcox / NS1Z
INTERNET :204.117.6.48
ns1z@agate.net
Work :5018901@mcimail.com
TCP/IP :44.118.6.4
ns1z@ns1z.ampr.org
AX-25 :ns1z@kb1bsc.fn44rn.me.usa.noam

3487. Re: QRP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-17 00:00:00 UTC
From: pelt@vt.edu
Message-ID: <pelt-1703961101550001@pelt.async.vt.edu>
Source record: 204487

In article <NEWTNews.827036105.23609.bill@bill.halcyon.com>,
Bill@halcyon.com wrote:

> Does anyone know of a QRP mail reflector or newsgroup?
>

Try listserv@lehigh.edu

In body of message put: subscribe qrp-l (your call) (your name)

--
Ranson Pelt
pelt@vt.edu
nz4i

3488. Re: IC-706 Rx sensitivity is ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-17 00:00:00 UTC
From: kd6nds@ibm.net
Message-ID: <4ihf1p$40mg@news-s01.ny.us.ibm.net>
Source record: 204488

I am interested in the mod to improve VHF RCV for WX and Aviation.
Thanks
kd6nds
73

3489. yaesu homepage in japan?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-17 00:00:00 UTC
From: Montbach/Bartlett <caspar@tiac.net>
Message-ID: <314C5DD0.2EC2@tiac.net>
Source record: 204489

I wanted to know if anyone out there knows if there is a yaesu homepage in japan. I would love to get a look at some of the non export radios from over there. I tried looking at some amateur radio operator homepages from japan but found no links to such a place. If anyone knows anything about this let me know or post it to the newsgroup. Tnx, Will, N1PXA

3490. Re: Donations of 2-meter Rigs Needed.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-17 00:00:00 UTC
From: jayb@aol.com
Message-ID: <4ii6c4$dga@newsbf02.news.aol.com>
Source record: 204490

i have a similar sob story, donate some radios my way too.

3491. Icom IC-02AT for sale.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-17 00:00:00 UTC
From: pwest@atl.mindspring.com
Message-ID: <4ig4dc$b3g@B1FF.mindspring.com>
Source record: 204491

Icom IC-02AT 2 meter handi talkie for sale .

- Perfect condition
- Comes with 2 battery packs
- Comes with a spare stubby duck antenna (great for hamfests)

I am asking $200.00 for it.

If interested please e-mail me at pwest@mindspring.com.

3492. Re: IF 10C for TS-140S;need Info(buy?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-17 00:00:00 UTC
From: Brian Gilhuly <brian@synapse.net>
Message-ID: <314C4485.74AB@synapse.net>
Source record: 204492

Bill Hosking wrote:
>
> Kenwood has discontinued the IF 10C computer interface for the TS-140S. I am
> looking for info/price/availability/schematic whatever you can provide.
> Thanks
> Bill W7JSW
> p05328@email.mot.com -or-
> billh@getnet.com

The IF-10C is nothing more than two ICs that go into existing sockets inside the radio. The types required are an 8251A and a 4040 and both should be fairly easy to find. (The 8251A will be harder because there isn't much call for 8250 UARTs like it any more.)

Apart from the ICs, you will also need to buy or build an external level translator like the Kenwood IF-232C. for more info on this, check the Kentrol Web pages.

73 de Brian

--
Brian Gilhuly VE3BGB Kentrol Software Web Site:
http://www.synapse.net/~kentrol/
e-mail: Latest files:
brian@synapse.net
ftp.synapse.net/private/k/kentrol/

3493. Re: GrandFather left 2 Garages full of Stuff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-17 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4iion4$jk2@newsbf02.news.aol.com>
Source record: 204493

In article <4ii02u$rp6@news.syspac.com>, dnorris@k7no.com writes:

>
>The death of a loved one, particularly a member of the plant family
>can really mess up one's mind. BUT...he sure generated a bunch of
>bandwidth. {$->

It's too late, I called and bought it all. 73 Tom

3494. Re: Kenwood Mics

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-17 00:00:00 UTC
From: ej.johnson@digcir.cts.com
Message-ID: <960317162655799@digcir.cts.com>
Source record: 204494

DM>From: subbustr@whidbey.net (DAVE M . SCHERTZER)

DM>
DM>get the NEW Kenwood Back-lit mic...NICE!!!

Do you know how much they sell for?
Thanks,

EJ Johnson N6OID
San Diego, Ca.
Not Tonight Baby...., I have a Modem!
---
* CMPQwk #1.42* UNREGISTERED EVALUATION COPY

3495. 8950 tube needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-17 00:00:00 UTC
From: owl@minot.ndak.net
Message-ID: <4ig62r$et2@swifty.cfa.org>
Source record: 204495

I am looking for an 8950 transmitter tube for my siltronix
camanche. if anyone has a good one for sale, or knows where
I may find one, please e-mail me.
thanks in advance.
-tom kb0dsv.

3496. Re: IC-706 repeater offset question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-17 00:00:00 UTC
From: dteague@csc.com
Message-ID: <4ii7i1$ghs@explorer.csc.com>
Source record: 204496

Carl Estey (carl.estey@HBC.Honeywell.com) wrote:
: I have attempted to program in plus and minus offsets for repeaters in
: the manner that the Icom IC-706 manual advises but either my radio is
: broken, or the software is broken or I can't read!

: The only way I have been able to program the offsets is to use VFO A and
: B and the split mode. Just setting -600 in the offset setup doesn't seem
: to work.

: Am I doing something wrong ... or did Icom start the offset programming
: and not fully implement it?

: Carl
: --
: Carl Estey, Amateur Radio Station WA0CQG
: Honeywell Inc., Homes and Building Control, MN10-2518, 1885 Douglas Dr.,
: Golden Valley, MN 55422 (612) 954-6922
: E-Mail: carl.estey@HBC.Honeywell.com or wa0cqg@wa0cqg-uhf.ampr.org
: (TCP/IP)

I just got mine this weekend so I might be missing something but I just
bring up the 2m freq in the main VFO, go to menu M1 and _hold down_ the SPL
(F1) key until it beeps. You can check your TX freq by going to
menu G3 and reading the TX freq on that line. As you mention, you do have
to set the -600 offset in initial setup mode, although that is a default
on my radio. I found this on page 28 (Repeater operation) item 4 of the
owners manual.

Now I have a return question: Does your radio have a 15Khz TS rate? Mine
goes from 12.5 to 20Khz, skipping 15.

Hope that gets you fixed up.

--
Regards 73 de dteague@csc.com "They're out there" K Kesey
Guy KG5VT gteague@why.net "Hey don't eat that yellow snow" F Zappa
------- ----- <http://www.why.net/home/gteague/gtweb.html> ------

3497. galaxy 88 export radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-17 00:00:00 UTC
From: "kevin D. tischler" <cd000215@interramp.com>
Message-ID: <314BCFDE.6663@interramp.com>
Source record: 204497

I need a listing of the mods for this excellant mobile radio.
If anyone has them, or knows where to get them <on the internet for no $$>
I would greatly appreciate it. I am wanting to use this radio as both
a base station and for general use in my car.

3498. Re: Alinco DX70 Experience

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-17 00:00:00 UTC
From: mamoman@xs1.xs4all.nl
Message-ID: <4ii211$fej@news.xs4all.nl>
Source record: 204498

Well I bougth a new transeiver this weekend and it was the IC 706
The diference between them was $300 so for that money i can't buy a 2m
allmode rig..

Good luck
Martin.

Raj Singh,, 403 275-8939, (singhr@cuug.ab.ca) wrote:
: Hi
: Raj here in Calgary, Alberta. Anybody out ther have any experience with
: the Alinco DX70 mobile HF rig. Good, Bad or the Ugly - all experiences
: would be appreciated.
: Thanks
: Raj
: VE6RAJ

3499. Re: Yaesu FT-530 FS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-17 00:00:00 UTC
From: robertso@csc.mc.edu
Message-ID: <4iiomq$2f3@csc.mc.edu>
Source record: 204499

Drew Wilson (dwilso02@mail.coin.missouri.EDU) wrote:
> I've got a Yaesu FT-530 for sale for $375. It's a very clean rig, not a
> scratch on it. About 1 year old. Still in box.

Unfortunately for you, the prices on the FT-530 dropped recently to about
$300 new from dealers. I would advise keeping the radio and enjoying its
many features.
--
| Chad Robertson | http://www.mc.edu/ | |
| | ~robertso | e-mail: robertso@mc.edu |

3500. Re: GrandFather left 2 Garages full of Stuff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-17 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4iip2o$jn8@newsbf02.news.aol.com>
Source record: 204500

In article <4ii02u$rp6@news.syspac.com>, dnorris@k7no.com writes:

>
>The death of a loved one, particularly a member of the plant family
>can really mess up one's mind. BUT...he sure generated a bunch of
>bandwidth. {$->
>
>cdn

It's too late. I bought it all already.

3501. Re: Combination HF AND 2M transceiver?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-17 00:00:00 UTC
From: mamoman@xs1.xs4all.nl
Message-ID: <4ii266$fej@news.xs4all.nl>
Source record: 204501

Well I bougth mine last weekend end and i blame myself for not buying hem
sooner..

I worked on HF a lot of stations..
The only minus is that there is no tune function..

Greetings Martin.

SF warrior (sfwarrior@aol.com) wrote:
: Can anyone give me suggestions on a good HF/2M mobile transceiver. The
: only one I am aware of at the present time is the IC-706. Is this a good
: system and what are its competitors.
: Thanks.
: D.

3502. Help with Atlas 210X

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-17 00:00:00 UTC
From: davew@cruzio.com
Message-ID: <4ii0vs$84c_001@pine222.cruzio.com>
Source record: 204502

Hi,

A friend gave me the above radio that was on a boat he bought. It turns on but no RX or TX. I have an interconnect diagram but no schematic of the PCB's. Are they available? Is anyone still servicing Atlas or have any parts? Would appreciate any info. Tnx.

Dave KD6TO

3503. Combination HF AND 2M transceiver?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-17 00:00:00 UTC
From: sfwarrior@aol.com
Message-ID: <4igqm0$123@newsbf02.news.aol.com>
Source record: 204503

Can anyone give me suggestions on a good HF/2M mobile transceiver. The only one I am aware of at the present time is the IC-706. Is this a good system and what are its competitors.
Thanks.
D.

3504. Yaesu FT726R Module needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-17 00:00:00 UTC
From: clowery@halifax.com
Message-ID: <4ii7jj$v1e@ns.halifax.com>
Source record: 204504

I need modules for the Yaesu FT 726R I have one for two meters but no other band.Need 6, 440, 430 or any others available. Please email me at clowery@halifax.com or call 804 572 1581 nights 804 575 2055 days or page 1 800 767 3393 pager 1713 and leave voice mail.
Thanks Charles Lowery AB4YR

3505. Re: 706 mod needed tran. in 151mhz

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-17 00:00:00 UTC
From: wb6wlr@wdc.net
Message-ID: <4ii951$215@n1.wdc.net>
Source record: 204505

drx1@freenet3.scri.fsu.edu (timothy charles phillips) wrote:

>hello,I need mods to trans. in the 151 mhz. range for work.It would
>prevent me from adding another radio and ant. to my truck.

> thanks Tim,KF4FCO

This is a GREAT way to get one of those famous PINK tickets, and lose
a bunch of $$$ in the process. Amateur rigs are not, repeat NOT, type
accepted for use outside the ham bands. Use such as you propose is
illegal...
Wayne Hoffman
ARS WB6WLR (Grid DM13at)
Internet wb6wlr@wdc.net
PacBell (714) 254-4182

3506. fs cushcraft a-744 40 m add-on kit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-17 00:00:00 UTC
From: "alt.sex.stories" <102745.360@CompuServe.COM>
Message-ID: <4ii7pb$i7d$1@mhadg.production.compuserve.com>
Source record: 204506

Have brand new in box never opened. $100.

3507. FS MFJ Tuner 407B

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-17 00:00:00 UTC
From: "alt.sex.stories" <102745.360@CompuServe.COM>
Message-ID: <4ii7qj$i7d$2@mhadg.production.compuserve.com>
Source record: 204507

Ask $50. good cond.

3508. Re: GrandFather left 2 Garages full of Stuff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-17 00:00:00 UTC
From: rich@ardvark.com
Message-ID: <4ig8r8$qqu@news.dx.net>
Source record: 204508
Cross-posted to:
rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.swap

moore@isd.upmc.edu (James Moore) wrote:

> GrandFather passed and left 2 garages full of stuff.

> GrandMother wants rid of it.

> If interested call 1 800 996-2971

> Thank You

i would like you to let me know if there is any left if so please let
me know i live in oregon but i would like to pay you and for shiping
so please let me knnow Rich

3509. Re: Diplexor for HF and 6 Meters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: rcarpen@DGS.dgsys.COM
Message-ID: <Pine.SOL.3.91.960318053306.24067B-100000@DGS>
Source record: 204361

In order to split the HF / 6-m signals from the common coax connector on the IC-706, and many similar rigs, buy the CF-360 from Comet. It has essentially no loss, and claims to handle 500 W. Costs about $70. There are two versions, which differ only in which ports have male or female connectors.
73 de Bob w3otc@amsat.org

3510. "Virtual Collins Radio Museum" web site

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: wa3key@fast.net
Message-ID: <4iik9n$9qr@nn.fast.net>
Source record: 204362

Just a note to let everyone know that the WA3KEY
"Virtual Collins Radio Museum" web site is up and
running. There's still some construction goin on
so don't mind the sawdust. Here's the URL

http://www.users.fast.net/~wa3key/collins.html

Any comments or suggestions are welcome. Enjoy

73 de Norm - WA3KEY
wa3key@fast.net

3511. Need serv. man. for Knwd TR-9130.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: Pete Dziomba <n2mci@mhv.net>
Message-ID: <4iinkc$lnj@news.mhv.net>
Source record: 204363

I need a copy of the service manual for a Kenwood TR-9130... I'll pay for all copying and shipping costs... Thanks, Pete n2mci@mhv.net

3512. 2E22 and ANGRC-9 military radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: daveb@ihr.mrc.ac.uk
Message-ID: <DoGG35.Kuz@cs.nott.ac.uk>
Source record: 204364

Many Thanks to all those who responded to my plea for info on the
angry9 transmitter and the output bottle 2E22. The response was
overwhelming true amateur spirit stuff.
I can now sift thru the data and hopefully get the TX working.
Thanks to all! Dave....G6UWO

3513. Re: WHOLESALE ELECTRONIC PRODUCTS from China

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4ij6du$7b7@crash.microserve.net>
Source record: 204365

xfustier@adnc.com (Dim-US Co.) wrote:

> WHOLESALE ELECTRONIC PRODUCTS from China
> We have several EXCEPTIONAL PRODUCTS, and we are constantly
> adding more products to our range. Some of our HOTTEST Products
> are:
> -Answering Machine

I bought one of those three years ago. Of course, I didn't realize what a jewel I had until the tape transport broke a month later. Funny, the outside said AT&T, but the inside said China.

Quality or no, its becoming very difficult to find non-Chinese products in many stores. I think the Chinese economy is going to bury us.

73,
Jack WB3U

3514. Re: SWR Field expediant

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4ij88r$7b7@crash.microserve.net>
Source record: 204366

>Can I use this meter to check SWR on a CB radio?

Yet another troll . . .

3515. Icom 2AT Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: dross@sirinet.net
Message-ID: <4iijdn$d4q@panther.sirinet.net>
Source record: 204367

I seem to remember a way of modifying an Icom 2AT for simplex in the 141-150 Mhz range. I love my -2AT's and would like to use them for CAP simplex.

Is my memory failing?

Thanks folks.

3516. Re: WHOLESALE ELECTRONIC PRODUCTS from China

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: philrut1@aol.com
Message-ID: <4ijtku$sdh@newsbf02.news.aol.com>
Source record: 204368

In article <4ij6du$7b7@crash.microserve.net>,
jackl@pinetree.microserve.com (WB3U) writes:

> I think the Chinese economy is going to
>bury us.
>
>

Probably not, as they'll do something stupid militarily and get blown back
into the last century where they belong!!

3517. Help w/ Brass Racer

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: Norm Hammar <norm@cqg.com>
Message-ID: <314D6EF3.49B0@cqg.com>
Source record: 204369

I have a Vibroflex Brass Racer and it is sending dit-dahs instead of just dits (the dahs are ok). I replaced the battery a month or so ago, and it is still 7 volts, so does anyone have any other ideas? It seems to happen after about ten minutes of operation. Thanks
norm@cqg.com

3518. Best Rig for SWL and Ham?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: cdorn@gpu.srv.ualberta.ca
Message-ID: <4ik522$fu8@pulp.ucs.ualberta.ca>
Source record: 204370

Hi,
I am a relatively new Ham, and I still spend much of my time SWL as
well as Hamming. I am wondering from the broad array of rigs that offer
general coverage, if there are rigs that really pay attention to the
needs of the avid SWL. I am thinking particularly in the areas of
selection of AM bandwidth filters, and RX audio quality. If one had to
choose one rig to meet the needs of the SWL and Ham what would it be?
Interested in your opinions.
Thanks very much,
Chris VE6RDC

3519. Central NJ Hamfest - 3/24/95

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: wbickle@aol.com
Message-ID: <4ikdgv$3a5@newsbf02.news.aol.com>
Source record: 204371

HAMFEST! - New Jersey (Trenton) - Delaware Valley Radio Association. Sunday, March 24th - rain or shine. Vendor setup 6:30am; public 7:30am to 2:00pm. Trenton State College Student Recreation Center - Route 31 approx. 1 mile south of I-95/Route 31 exit. Admission $5.00; Tailgaters $10.00 (includes space and admission); Inside Vendors $20.00 (includes space and admission). Free parking; refreshments; handicapped accessible. Talk-in 146.67 and 442.650. For info, call DVRA hotline at (609) 882-2240.

3520. Wanted ICOM AT500

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: REDLIGHT@NANDO.NET
Message-ID: <REDLIGHT-1803961532500001@grail1008.nando.net>
Source record: 204372

wanted at500 for the Icom 751A series radio...must be clean and operational.

Thanks

Mike

reply to: redlight@nando.net

--
Mike - Raleigh, NC USA

Opinions expressed herein are my own and do not in any way
represent those of my employer.

3521. WTB: frequency synthesized POCSAG pager VHF/UHF

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: Erik Finskas OH2LAK <finskase@ee.port.ac.uk>
Message-ID: <314DA2B4.6807@ee.port.ac.uk>
Source record: 204373
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

As the subject tells, I am looking for a frequency synthesized POCSAG
pager,
VHF/UHF model, alphanumeric. Prefer Motorola, are they synthesized??

Offers via email.

Erik
--
Erik Finskas G/OH2LAK
Email Finskase@ee.port.ac.uk
Lakki@clinet.fi
University of Portsmouth, UK
Department of Electric and Electronic Engineering

3522. KENWOOD TS503

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: rusty@diakonos.iafrica.com
Message-ID: <f3b_9603182011@diakonos.iafrica.com>
Source record: 204374

KENWOOD TS503 for Sale..............

Please make me an offer for this fine rig.

ZS1WB Wally
ph 04455-31832

--
|FMLYNET: Rusty Lotter 8:79/0
|Internet: rusty@diakonos.iafrica.com
|
| Standard disclaimer: The views of this user are strictly his own.
| FMLYNET SA <> INTERNET GATEWAY at Diakonos BBS

3523. Re: HTX 212 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: duane@rci.ripco.COM
Message-ID: <m0tyfXi-000CMnC@cook.ripco.com>
Source record: 204375

What is a HTX-212?

--
>>>> Duane Whittingham - N9SSN - Dedicated to TVRO & Radio Broadcasting! <<<<

duane@ripco.com (MHGC -- Damian Smith)

>>>> Tom & Darryl TVRO Show Now on E2/18 5.8 Audio Thursdays at 9pm ET! <<<<

3524. Re: Weird Radio Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: Isaac Kohn <ikohn@vertex.ucls.uchicago.edu>
Message-ID: <314D9822.371D@vertex.ucls.uchicago.edu>
Source record: 204376
Cross-posted to: alt.radio.scanner,alt.radio.pirate,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

Michael J Wooding wrote:
>
> In article <4idjm1$f0c@madeline.INS.CWRU.Edu>, David Mark
> <dg715@cleveland.Freenet.Edu> writes
> >What's happening is your radio is probably tuned to an FM station
> >near the upper end of the band (around 107-108mhz) and you're
> >probably under a flight path. When a plane is nearby (there's
> >that word again) and the pilot transmits on one of the lower
> >airline frequencies, your radio's less than discriminating tuner
> >picks it up.There is a small, minor detail: Air transmissions were AM, last time I checked! How does an FM receiver with poor-selectivity receive AM transmissions???

3525. Looking for HF (maybe VHF too) scanner/receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: Isaac Kohn <ikohn@vertex.ucls.uchicago.edu>
Message-ID: <314D9C9F.4FD8@vertex.ucls.uchicago.edu>
Source record: 204377
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

Hi all. I'm looking for a receiver with as general coverage as possible, pref. 80m-2m or more. Obviously, would have to copy FM as well as SSB and AM. E-mail me at ikohn@vertex.ucls.uchicago.edu and tell me what you have/how much. Price is very important, as budget is tight, so i'd prefer something that's used but working. Thanks a lot.

73's
Isaac

3526. Re: TenTec Triten IV for Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: Isaac Kohn <ikohn@vertex.ucls.uchicago.edu>
Message-ID: <314DA318.548E@vertex.ucls.uchicago.edu>
Source record: 204378

Joseph Clarke wrote:
>
> For Sale
>
> TenTech Triten IV. Mike and manual included. Good shape.
> $175 takes it. Post replies here.
>
> JosephFor those of us that are ignorant, please post a more detailed description... I've never heard of that radio, and I'd like to know whether it's a xcvr, rcvr or xmitter..... what band(s) does it cover.... what mode(s).... etc. etc. (power output too maybe?)

Thanks a lot.
Isaac

3527. Help, Motorola Micor T51RTN

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: greends01@aol.com
Message-ID: <4iknd f$6fs@newsbf02.news.aol.com>
Source record: 204379

Hi , I'm looking for schematics, operators manuals or parts for a 1978 Motorola Micor T51RTN. I have the base unit and a four channel control head but no cables,mike or hook up diagragm. Any assistance appreciated. The unit currently is lo band commercial. (42 mHz).
Thanks Derek N1VIE

3528. Adding PL tones to old rig?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: boardman@cobra.unm.edu
Message-ID: <4iksh8$5hv@lynx.unm.edu>
Source record: 204380

This weekend I adopted an old Icom IC-211 2 meter all mode that needed a new home (The original owner having bought one of those fancy new Kenwood 144/220/440 tribanders). It seems to be a very solid older reg, with very good intermod rejection, but it would be nice to also be able to use it on a few of the local repeaters that require tones. Is there any easy and/or relatively inexpensive way to add PL tones to this rig?

-Bob KC5SFW

```
=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=
| Bob Boardman, UNM Cancer Research & Treatment Center, Albuquerque, NM |
| internet: boardman@cobra.unm.edu |
=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=
```

3529. IC-706 & KPC-3

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: Arnaldo_Maccarini@bipopbs.IT
Message-ID: <9602188271.AA827193614@relay.bipopbs.it>
Source record: 204381

Hi everybody ...

I used to work my local packet BBS with a Baycom modem and a TH79E,
and all worked fine since the first QSO, but ...

Some weeks ago, I bought a brand new 706 and tried to connect it
to a KPC-3 , but nothing seemed (and seems) to work.

Does anyone have good ideas or schematics or something else to help me?

Many Thanks In Advance

IK2WYZ Arnaldo (Arnaldo_Maccarini@bipopbs.it)

3530. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: engbert.oord@jet.uk
Message-ID: <4ijvsq$5ud@postman.jet.uk>
Source record: 204382
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

If this bloke did a similarly thorough job on assembling this gadget
as he did on his spelling then I am not in the least surprised it
doesn' t work.

Greetings

Engbert Oord , G7THB
JET Joint European Torus, Culham ,UK
Email : eo@jet.uk or engbert.oord@jet.uk

==========
The above article is the personal view of the poster and should not be
considered as an official comment from the JET Joint Undertaking
==========

3531. FS: Autodialer, SONY

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: rubidium@seanet.com
Message-ID: <rubidium.169.00088956@seanet.com>
Source record: 204383

I have a very nice Sony PDS-110 Intelligent Autodialer. Originally paid $87
for it 3.5 years ago. I haven't used it for the last 2 years.
Features:
110 number memory
Memo function
Calculator
Edit functions (that work nicely, don't have to erase whole number)
6 quick-access memory keys
Special Service Code key for credit card calls (this is why I bought this one)
Password security
Redial
Local function
2.5" x 4.365" x 1/2 "

Best offer over $25

JC

Jim Collins, Seattle, Washington
e-mail: rubidium@seanet.com

3532. Re: GrandFather left 2 Garages full of Stuff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: bigjon1@ix.netcom.com
Message-ID: <4ik6j2$rdb@dfw-ixnews1.ix.netcom.com>
Source record: 204384
Cross-posted to:
rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.swap

In <314b26a9.10630201@news.efn.org> dhughes@efn.org (Dick Hughes)
writes:
>
>moore@isd.upmc.edu (James Moore) wrote:
>
>>
>> GrandFather passed and left 2 garages full of stuff.
>>
>> GrandMother wants rid of it.
>>
>> If interested call 1 800 996-2971
>>
>> Thank You
>>
>
>I noticed this same post in rec.motorcycles. Must have a lot of
>stuff! I think he is playing with us.
>
>Dick Hughes

I think the CLUE here is 1-800....."Sure I'm gonna pay for a 1-800
service so I can sell my grandfathers junk"....To heck with a YARD SALE
that would'nt cost a dime!

3533. WTB: Kenwood RZ-1 rcvr

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: wdmilner@atcon.com
Message-ID: <4ijnlj$ki4@thor.atcon.com>
Source record: 204385

Wanted to buy: in good condition a Kenwood RZ-1 scanning general coverage reciever w/manual. Also looking for matching mobile preamp antenna and underdash mounting kit.

please email with price/condition/shipping

Thanks,

Dean, VE1CBF
wdmilner@atcon.com

3534. Ham repeater stuff wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: fletcher@gate.net
Message-ID: <314d9082.66327760@news.gate.net>
Source record: 204386

The Tampa Bay Amateur Radio Society is looking for gear to replace our
440 repeater located in Tampa, Fl. Looking for Micor or Mastr-II type
equipment. Also looking for 440 link transmitters and receivers for a
sattellite rcvr system. Our club provides emergency communisations
for the Bay area Red Cross chapter as well as ARES/RACES events. If
you have equipment for sale or donation, please e-mail me with your
lists. Thanks and 73s Mike
Mike Fletcher AD4HV 813-622-9102
President,Tampa Bay Amateur Radio Society 95-96
Florida Certified Fire Alarm Contractor # EF-0000028
E-Mail to fletcher@gate.net Homepage **coming soon**
If in the course of offering ideas or speaking my opinion, I
should offend anyone, I apologize. However, my opinion is my
own and thus, it shall be.....

3535. Re: GrandFather left 2 Garages full of Stuff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: Danny Banister <ddb1@msg.ti.com>
Message-ID: <314E2A04.622B@msg.ti.com>
Source record: 204387
Cross-posted to:
rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.swap

```
Jon Shay wrote:
>
> In <314b26a9.10630201@news.efn.org> dhughes@efn.org (Dick Hughes)
> writes:
> >
> >moore@isd.upmc.edu (James Moore) wrote:
> >
> >>
> >> GrandFather passed and left 2 garages full of stuff.
> >>
> >> GrandMother wants rid of it.
> >>
> >> If interested call 1 800 996-2971
> >>
> >> Thank You
> >>
> >
> >I noticed this same post in rec.motorcycles. Must have a lot of
> >stuff! I think he is playing with us.
> >
> >Dick Hughes
>
> I think the CLUE here is 1-800......"Sure I'm gonna pay for a 1-800
> service so I can sell my grandfathers junk"....To heck with a YARD SALE
> that would'nt cost a dime!

It figures ---- I tried this number tonight & a recording says it's not
in service!

Danny
--
```

3536. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: Mark Schoonover <schoon@cts.com>
Message-ID: <314DC751.693E@cts.com>
Source record: 204388
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

Zane Thomas wrote:
>
> cRiTTa66 <critta66@shadow.net> wrote:
>
> Heat-sensitive component?
>
> Zane

I think the radio is emotionally abused. It is apparent that the unit is very sensitive to the way it is treated. hihi

Mark

3537. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: prjohnso@facstaff.wisc.edu
Message-ID: <4ikqld$efe@news.doit.wisc.edu>
Source record: 204389
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

I generally reserve my amorous rutting for animate female humans, so I'm stumped on this one. Maybe if you clean up all the sticky stuff you squirted into your device at the culmination of your passionate throes it would work. I've never seen an FM-25, so I don't know if the designers made arrangements for cleaning after use, although surly they must have foreseen such an occurance. Maybe next time, you should wear a condom....

Peter R. Johnson

#5) Full employment for EVERYONE!! Including the Young and Elderly. (Mel'N'Floyd for president's American Contract)

Mel'N'Floyd for President! They're white, they're male, and they're ready to RULE!!!

3538. WANTED: Free HF Transceiver...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: sskdr@cwo.com
Message-ID: <4iko1q$154@moroni.promedia.net>
Source record: 204390

Well, it doesn't hurt to ask. :)

I just passed my 5 wpm and should pass the 13 next month, but I still don't have/can't afford a radio! Does anyone have any old, unwanted, working, equipment laying around? All my resources are going to my new baby, but I can afford whatever shipping is required.

Don't bother flaming me for asking, and thanks in advance.

Scott Bains-Jordan
KF6BRP
sskdr@cwo.com

3539. Re: What do you need for a 2 meter repeater

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: Monty Wilson <mwilson@bangate.compaq.com>
Message-ID: <DoHGCs.BCG@twisto.eng.hou.compaq.com>
Source record: 204391

glass@televar.COM (JA Glasscock) wrote:
>Does any body know what I need for starting a repeater, equipment wise? I
>want it to have an autopatch, and CTCSS tones to access it.

You'll need a repeater-shack site at the base of a large tower, with a phone line or two coming to it, a good 2m antenna way up the tower, and enough Heliax to reach from the repeater shack up to the antenna. You need two 2m radios (the one you use for receive must have a PL tone decoder, e.g., the Alinco DR-110T) and a set of cavities and someone who knows how to tune them. To run the whole thing you need a repeater controller board with autopatch. You'll need a frequency-pair, which are pretty easy to get EXCEPT on the 2m band, in which case you'll have to apply to your local 2m governing body and get on a waiting list.

--
.........Monty.
mwilson@bangate.compaq.com

3540. Opinions wanted: FT-840 RCVR vs other rigs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: wdzeares@ix.netcom.com
Message-ID: <4iktbv$c0b@ixnews3.ix.netcom.com>
Source record: 204392

I have an FT-840 and I am not real happy with the receiver. I have
tried a few of the new QRP rigs side by side and they have a better, or
shall I say more sensitive receiver... they were able to pull out a
weak signal better than the 840.. I am limited to QRP and I have an
indoor dipole on 20M which works great... so I need the best receiver I
can get in a rig and I still want a new rig with bell etc...
Any one hve an 840 and then move up to a different rig, or compared
receivers with other rigs?? any ideas about what receivers are better?
I don't want to spend a lot of money but between the big three, I, K,
and Y, what rigs have better receivers than the 840???
email direct to wdzeares@ix.netcom.com or wdzeares@aud.alcatel.com
thanks 73
Dennis K3ETS Dallas

3541. Please identify this Halicrafter.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: soniat@prism.gatech.edu
Message-ID: <4ijm1r$qks@acmez.gatech.edu>
Source record: 204393
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Gentle Reader:

What is this radio, how old is it and should I repair or replace.

It is a Halicrafter.

It has a large half moon dial labeled Tuning (with the h symbol in the middle)
It has a smaller half moon dial labeled Band Spread to the right of Tuning.
It has Two large equal sized knobs one either side of the dials.
In the lower left it has an AM/CW switch (vertical slider) and speaker/phone
switch also a vertical slider.
In the center is has a four position pointer knob for band selection.
Too the right of the band select is a on/volume switch.
On the lower right it has a standby/receive switch (vertical slider).
The dials are covered with some sort of clear plastic.
The bands are labeled from the inside out in Megacycles .55 -1.6,
1.7 -5, 5 -14 , and 13.5 - 30. Some regions are labeled amateur and
some foreign.

It has two glass tubes, two small dark opaque material tube like
components in tube like sockets, and two metal encased tube like
components. It uses 110v AC. It was reportedly
functioning but that was over 15 years ago. There is not a number or
sticker on it that I could find. It has been painted so if there was
anything etched on the cabinet it would be covered. It doesn't seem to be
rusty but the rubber bushing that separate the chasis from the housing
are mostly gone.

Rating on a scale of 0 is run over by a truck and 10 is new this could
be a 3, in other words it ain't pretty. My interests are somewhat
sentimental but my funds are limited, if I could buy a similar radio
with more modes for the same money I would seriously consider it but I
would like to get this working again.

Any thoughts.

Ed
--
_| | _ Edward C. Soniat WE4TFT Internet:ed@pobox.com
_| -|_ Mass transfer: 1854 Bishop's Green Dr
| | Marietta GA 30062-6079 (770)579-3279

3542. SSTV for WINDOWS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: ea1au@jet.es
Message-ID: <4ii9ke$96e@minerva.ibernet.es>
Source record: 204394

Hi there. Does anybody knows where I can look for an SSTV soft for windows? Please reply to ea1au@jet.es

73 Carlos

3543. Re: Yaesu FT-530 vs FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: kgk@nwu.edu
Message-ID: <kgk-1803961344390001@kgkmac.repoc.nwu.edu>
Source record: 204395

I own a 530 and have been very pleased with it. You should also note that the 530 may still be on special. You may find it for around $270 or less if you shop around (I know AES had them for under $300 and thought I heard of a place that had them for under $270). This is noticably cheaper than the FT-51 and may be the determining factor.

Ken


```
------------------------------------------------------- _----
Kenneth Kalan PP ASEL ===_ / |
Northwestern University | ___/[__ ] \___/__ |
Prosthetics Research Laboratory |\__ _|___|_____===/
Rehabilitation Engineering Program | \/
kgk@nwu.edu N9YIR o O
Civil Air Patrol, 2LT,1st Lyons Composite Squadron - Red Fox 407
Melrose Park RACES 1M64 Skywarn Weather Spotter
http://kgkmac.repoc.nwu.edu/
```

If you pick up a starving dog and make him prosperous, he will not bite you. This is the principal difference between a dog and a man. -- Mark Twain
---

3544. Re: 706 mod needed tran. in 151mhz

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: com-com@t-online.de
Message-ID: <4ikql8$9ik@news00.btx.dtag.de>
Source record: 204396

Re: 706 mod needed tran. in 151mhz

we have amateurs in 3. countrys and by mil. and by exped.
Why not ?
we have alle the liz.
and we know the rules ...

we are not children !!!

vy 73

3545. HAL Morse Keyboard ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: scottwh@netcom.com
Message-ID: <scottwhDoHHHC.F12@netcom.com>
Source record: 204397
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

In 1973, HAL Communications Corp. sold an MKB-1 Morse Keyboard and a KB-ID1 Keyboard Identifier. Does anyone remember these devices?

After building them from kits, they worked well. Recently I tried to change the call sign in the Identifier without success. There appears to be a race problem in the design.

Does anyone remember these devices? -The problem that makes the Identifier pattern sensitive? -A fix?

73,
Scott
KI6KW

3546. Hallicrafters SX-140 WANTED

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: DKight@gnn.com
Message-ID: <4ik9qp$2v0@news-e2c.gnn.com>
Source record: 204398

Wanted SX-140 in mint shape ..

State price ...

Dale NH6VR
* * * If you can dream it .... You CAN GET IT !!! * * *

3547. Re: Weird Radio Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: cardenas@kaiwan.com
Message-ID: <4iisa8$638@kaiwan.kaiwan.com>
Source record: 204399
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

petern@terraport.net (Peter Neidhardt) wrote:

>I own a cheap General Electric boombox... I am on a certain FM channel
> I intermittenly pickup actual radio transmissions from overhead commercial
>airliners...
^^^^^^^^^^^^^^^^^^^^^^^snip -to-fit^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

Paul,

The aircraft band is right next door to broadcast fm music band. ADD your fm receiver's 'IF'- frequency (some times 20.x MHz or 10.xMHz) and with a strong enough signal from a aircraft right overhead, you may get a "mix".

Your aircraft can 'mix' with your desired station +'IF' and there you have it. Often even more magic is involved... where two signals transmitt at the same time and mix down to your fm receiver. Infact there is a very obscure program (no I don't have it) that calculates where the offending signals are and next is to build a filter to trap out at least one of the offenders.

The cure? Add a external FM Antenna... the better fm antennas look much like a TV Antenna, except the elements are almost all the same length... Use 300 ohm 'twin-line' to feed the signal to the set. Twist the twin-line as it passes from antenna, all the way to the set.

What? No screw terminals for the two wires? Then try a random 'long wire' antenna with a alligator clip on the business end and clip it to your whip antenna! You may need to move the long wire around till you find the best signal. This should provide a stronger signal from you FM station and hopefully swamp the front-end with 'desired' signal.

Weinguard makes a FM PASS filter (75 ohm coax 'f' fittings)... this signal loves the FM Brodcast band and tries it's best to reject other signals above and below the band. Cost, about $12, retail. I can't vouch for the quality of a Radio Shack equiv. More elabroate 'tunable' 'notch' filters can be had, but for lot's more money for one of quality.

Hope this helps!

Tony
WA6IGJ

3548. Re: KENWOOD TS503

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: Shelby Merrick <smerrick@som-uky.campus.mci.net>
Message-ID: <314E3709.2B25@som-uky.campus.mci.net>
Source record: 204400

Rusty Lotter wrote:
>
> KENWOOD TS503 for Sale..............
>
> Please make me an offer for this fine rig.
>
> ZS1WB Wally
> ph 04455-31832
>

Well, to start out the bidding, I'll offer $400. :) (with fingers
crossed of course).

73's
KE4AKA
Shelby

3549. For sale: Kenwood 7930 and packet modem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: Douglas Rand <drand@sgi.com>
Message-ID: <314DC143.FF6@sgi.com>
Source record: 204401

I have a 7930 (2m, 25W) mobile rig for sale. Everything
is clean, the only problem is that it can be intermittent
on 25W. Is is very reliable on 5W out. Complete with
mobile mount. Asking $120, make a reasonable offer.

I also have a lowend packet modem for sale. 1200 baud. I
also have the cables to connect the two together for a packet
station. This worked fairly well. Asking $50 for the modem.

Doug (KC1KJ)
--
Doug Rand <drand@sgi.com> (508) 567 - 2217
Silicon Graphics http://reality.sgi.com/employees/drand
Digital Media Systems User Interface Technology
Disclaimer: These are my views, SGI's views are in 3D

3550. metal detecting

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: "Irina N. Borisova" <bin@poisck.spb.su>
Message-ID: <AB8pRJnmi8@poisck.spb.su>
Source record: 204402

I look for contacts with metal detectors and other searching
technique creators for information exchange.
M.B.
bin@poisck.spb.su

3551. Re: GrandFather left 2 Garages full of Stuff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: mzenier@netcom.com
Message-ID: <mzenierDoIwAw.3B6@netcom.com>
Source record: 204403
Cross-posted to:
rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.swap

in <314b26a9.10630201@news.efn.org>, Dick Hughes wrote:
: moore@isd.upmc.edu (James Moore) wrote:
: > GrandFather passed and left 2 garages full of stuff.
: > GrandMother wants rid of it.
: > If interested call 1 800 996-2971
: > Thank You

: I noticed this same post in rec.motorcycles. Must have a lot of
: stuff! I think he is playing with us.

How many grandmothers do you know with 800 phone lines?

Worse than playing. Sounds like indirect harrassment of some
commercial entity. Stick them with a bunch of useless phone
calls that they have to pay for. And using newsgroups with a
large audience of collectors, bargain hunters, and wheeler-dealer
types that are guaranteed to call and leaving out any description
of the goods is pretty firm evidence.

Mark Zenier mzenier@eskimo.com mzenier@netcom.com

3552. Re: Q: how to clear a memory in Yaseu FT-51R?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: source@netcom.com
Message-ID: <sourceDoHIxy.6ny@netcom.com>
Source record: 204404

R.D. Miller <tango@teleport.com> wrote:
>
>When you scan channels, it scans only the programmed ones,
>skipping unprogrammed channels. Here's the question: how
>do you change the state of a memory channel from "programmed"
>to "not programmed?"

You have two choices. In the FT-51R manual see "Masking Memories" pg. 32 and "Memory Skip Scanning" pg. 35.

Skip Scanning: Recall the memory, press (FM), press (MR). SKIP appears in the display. That memory will be omitted while scanning, but is still active for manual use.

Masking: Recall the memory, press and hold (FM) for 1/2 second until [F] blinks in the display, then press (MR). This makes it as good as if it were never programmed.

What could be simpler? B-)

3553. STOLEN 3/18 RADIO/CAMERA

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: markt@serv.net
Message-ID: <4ikeno$a2h@brockman.serv.net>
Source record: 204405

Hi All, Well the thiefs got me last night. West White Center area in Seattle, Wa.

STOLEN:
1. Yaesu FT-470 2m/470 Handheld, speaker mike, dc charger, Pherex battery.
serial #9l151557

2. Rollei 35 S - 35mm camera - Black - palm sized camera
serial #2458686

Please pass on to all amateur radio people/groups you know.

Contact Mark for info... TIA.

markt@serv.net
ka7gji@n7nei.ampr.org

3554. search IC737 mod

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: yann <101355.357@CompuServe.COM>
Message-ID: <4iibbe$55a$1@mhafc.production.compuserve.com>
Source record: 204406

i search mods for my ic737 (tx.rx all band) please e-mail me
101355.357@compuserve.com

--
thats me

3555. south louisiana conection

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: Adi Doron <adi4z4vg@netvision.net.il>
Message-ID: <314E530D.132C@netvision.net.il>
Source record: 204407

hi there , next mounth in mid april I'll trevel cajun country,

can you help on local repeters and nice hams ?

best 73's adi 4z4vg from ISRAEL

3556. help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: dumont@rectorat.ac-bordeaux.fr
Message-ID: <dumont.139.000D8B81@rectorat.ac-bordeaux.fr>
Source record: 204408

Christophe Marchal's Super Marathon

WE NEED YOUR HELP TO FIND PEOPLE TO MEET CHRISTOPHE THANKS

An educational project by Jean-Marc Dumont, English teacher at Lycee Gaston Febus High School, Orthez, France.

OBJECTIVES:

-To allow the pupils, through the use of Internet and the amateur radio station F6KGF,run by Gaston Febus' radio club, to follow the sporting exploits of Christophe Marchal, who will take part, in his wheelchair, in the Five Continents Marathon from 25 May to 16 June 1996.
-To bring together pupils and the handicapped
-To sensitize pupils to the possibility of surpassing oneself
-To make use of modern means of telecommunication
-To work with a desktop publishing package on writing in reaction to information on the Internet
-To allow our pupils to communicate with pupils in the countries Marchal passes through
-To introduce pupils to the wonderful world of Amateur Radio.

The classes

The whole school i.e. about 800 pupils aged 11-18, plus all the participating pupils in the countries Marchal passes through.

The subjects

This is a multi- and cross-disciplinary project; the majority of teachers from Gaston Febus are involved.

The schools involved

Lycee College Gaston Febus in Orthez, Tamalpais High School, Redwood High School and Drake High School in San Francisco, and several schools elsewhere in the USA, in Great Britain, Canada and Australia, all of which are linked by the Global Village project on the Internet.

Activation and Operation

As soon as Marchal arrives in a country, pupils from its schools will come to meet him and will communicate news by Internet or by amateur radio links if the Internet is not available. Pupils from Gaston Febus will then broadcast this news on news group pages (Global Village project), on their Web page on the Internet, on local radio, in the on-line press and in local newspapers, as well as to short-wave international radio stations - The Voice of the Andes in Quito, Ecuador, Radio Australia International, Radio

France International - either by Internet or by fax.

Project 'Amateur Radio Operator'

We will launch a National Appeal amongst amateur radio operators to help Marchal, himself a radio operator (F5TGY) to finance his project. The donations will be collected by the 'Association Basco-Bearnaise des Radioamateurs' in Pau, France. We shall work in partnership with the IDRE and the REF.

Activation and Operation

A national appeal will be launched to help Marchal to finance his project.
Various partners will be sought.
An Amateur Radio Operator's Diploma will be created.
The Amateur Radio enthusiast Associations of the countries visited will be brought into the project.

The F5TGY 'Association Basco-Bearnaise des Radioamateurs' Contest

To obtain the Five Continents Supermarathon Diploma an amateur radio station will have to contact at least ten stations in the country where F5TGY happens to be at the time. This means, for example that a station contacted in the United States can oonly be valid for the diploma if Christophe Marchal is in the US on the day and at the time of the radio contact. Completed logs should be sent before 30 July 1996 to F5RKJ who is the QSL manager and judge of the contest. This contest will run from 25 May 08:00 UTC until 16 June 15:00 UTC. Each station contacted will count for one point, two points if this station is in the town where the marathon is taking place ON THAT DAY. In the log reports, the date and time (in universal time) of contact and the town and call sign of the correspondant must all be noted. The same station may only be contacted more than once if on a different band each time.

TIMETABLE OF EVENTS

Friday 24 May 1996: 09:00 Departure Paris - London
Saturday 25 May 09:00 Prologue 15km in a London park
15:00 Flight London - Los Angeles (12hr flight)
Monday 27 May 09:00 MARATHON - Los Angeles area
Thursday 30 May 22:30 Flight Los Angeles - Sydney (14hr flight)
Sunday 02 June 08:00 MARATHON - Rainbow Beach area
Tuesday 04 June 09:20 Flight Brisbane - Darwin
Wednesday 05 June 23:00 Flight Darwin - Bali (3 hr flight)
Friday 07 June 08:00 MARATHON
Sunday 09 June 14:00 Flight Denpasar - Perth (Australia)
Monday 10 June 11:25 Flight Perth - Johannesburg (10hr flight)
18:00 Flight Johannesburg - Capetown
Wednesday 12 June 09:00 MARATHON
Saturday 15 June 19:45 Flight Capetown - London (11hr flight)
Sunday 16 June 07:00 Arrival London
09:00 Arrival Paris
13:00 FINAL 15 OR 20 KM in PARIS

3557. Re: FCC-Out of Control??? Please Read

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-18 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4ij7at$7b7@crash.microserve.net>
Source record: 204509

aust@gandalf.sp.TRw.COM (Mike Aust) wrote:
>
>THis is an equipment forum , not a political forum
>but I will say this. When the FCC gives you a license,
>it is granting you a prelivege, not a right.

What's worse is that even the grant of privelage is illegitimate.
Congress can empower the F.C.C. and pass all the laws it wants, but
neither of them own the frequencies.

73,
Jack WB3U

3558. Re: Best Rig for SWL and Ham?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: fallowsj@cadvision.com
Message-ID: <4ilakf$j3s@huey.cadvision.com>
Source record: 204311

In article <4ik522$fu8@pulp.ucs.ualberta.ca>, cdorn@gpu.srv.ualberta.ca (Chris Dorn) says:
>
>Hi,
> I am a relatively new Ham, and I still spend much of my time SWL as
>well as Hamming. I am wondering from the broad array of rigs that offer
>general coverage, if there are rigs that really pay attention to the
>needs of the avid SWL. I am thinking particularly in the areas of
>selection of AM bandwidth filters, and RX audio quality. If one had to
>choose one rig to meet the needs of the SWL and Ham what would it be?
Hi Chris. Darn good question. I probably spend a lot more time SWLing
than Hamming (although I did not start out that way) and have the
same concerns.
Most of the ham/general coverage receivers have pathetic AM filters.
Often, it is just the roofing filter used
in the first (up conversion) IF. If not, then it's usually too wide
(6Khz++ at -6db) and not deep enough (more than 15+Khz at -40 db, with
no deep skirt selectivity). I am using an ICOM728 which, in addition to
the above AM selectivity specs, also sports poor audio (poorly designed
AM detector, poor audio output bandwidth which rolls off around 2kHz) etc.
Even the new Japan Radio JST-145 has a lousy AM filter.
I have looked at lots of specs and the better specs I have found are for
the Kenwood 850, which has an AM filter specified at 6/15Khz at -6/-60dB.
The more expensive Yaesu FT1000 runs 6/14Khz at -6/-60. I have listened
to an FT1000 but was not overly impressed with the audio. The new
Kenwood TS870S gives you DSP final IF at 11.3Khz with 9/12Khz AM
bandwidth -6/-60. This looks good but I think the rig costs around
$5000 Canadian!

My suggestion is that if you can afford to, get a separate SWL receiver
optimized for AM. Except for the TS870S, none of the newer ham rigs
seem to provide specs which compare with the Drake R8A (4/8 or 6/12 Khz
at -6/-60) or the Lowe HF250 4 and 7 Khz filters. While I use the
ICOM 728 under computer control for monitoring, the tough work is done
by an old Racal RA-17 with a Timewave DSP-59+. Cheers. If you find
something that fits the bill for HAM/SWL, please let me know! 73

3559. Info on RCA Commercial two-way radios

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: McCullough <mccu@erols.com>
Message-ID: <4ilf9r$97j@news6.erols.com>
Source record: 204312

Can anyone direct me to a source for service manuals for old RCA commercial FM two-way radio equipment. I have what I believe is called a TAC-300 series radio, Model MFAW2-AC21B. It's an 800 mhz non-trunked unit, and I'd like to find a manual for it. Any ideas?

Thanks,

Chuck McCullough

3560. Re: Need serv. man. for Knwd TR-9130.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: dross@sirinet.net
Message-ID: <4il18h$qkk@panther.sirinet.net>
Source record: 204313

In article <4iinkc$lnj@news.mhv.net>, Pete Dziomba
<n2mci@mhv.net> wrote:
>I need a copy of the service manual for a Kenwood
TR-9130... I'll pay for
>all copying and shipping costs... Thanks, Pete
n2mci@mhv.net
>
Me too

73's NL7CO Don Ross

dross@sirinet.net

3561. Re: WANTED: Free HF Transceiver...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: sfritts@usit.net
Message-ID: <4ila08$bmu@news.usit.net>
Source record: 204314

sskdr@cwo.com (Scott KF6BRP) wrote:

>Well, it doesn't hurt to ask. :)

>I just passed my 5 wpm and should pass the 13 next month, but I still
>don't have/can't afford a radio! Does anyone have any old, unwanted,
>working, equipment laying around? All my resources are going to my new
>baby, but I can afford whatever shipping is required.

>Don't bother flaming me for asking, and thanks in advance.

>Scott Bains-Jordan
>KF6BRP
>sskdr@cwo.com

If you can afford a baby and an Internet account you can afford a
radio.

3562. Tempo 2004

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: Geoff Brown <equinox@itl.net>
Message-ID: <4ilrk4$jij@fhbgb1.itl.net>
Source record: 204315
Cross-posted to: uk.radio.amateur,rec.radio.amateur.equipment

```
For Sale:
Tempo 2004 432MHz amplifier, under 100 qso's
Unmarked as new.Lost interest in the band.
750 pounds

Also have 4 times 23 cm ants with stacking frame and
power splitter, offers?

...Regards Geoff
```

3563. Re: ICOM AG-25 LNA

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: parf@aol.com
Message-ID: <4ilrc7$ief@newsbf02.news.aol.com>
Source record: 204316

Sounds like one my friend had. I E-Mailed Icom and they replied the NF was
3dB- pretty much unacceptable by today's standards

Dale WA2YPY

3564. Re: Weird Radio Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: grohe@galaxy.nsc.com
Message-ID: <314e712d.11687875@139.187.128.43>
Source record: 204317
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

Whoa guys!

We all agree that it is an image. That's a given!

But putting a bigger antenna on it won't help! If you were standing next to a jet engine, would you cup your ears to hear it better? Or would you cover your ears?

If it *is* causing non-linearities in the front-end, overloading it even more is not going to help (why do you think they put the -20dB switch on good receivers?).

Try *collapsing* the antenna, or move it around. I know it sounds strange, but it does work. I lived directly under the path of SFO's main runway for 20 years and I have experienced almost every type of interference from airplanes. Cheap radios always received them. With high quality receivers, you usually would hear a slight drop in audio level. Like the noise, you just have to live with it. Cheap RFI filters simply don't work.

The tuners front end contains the resonant circuit which is supposed to favor the intended signal (101.7) and reject the un-intended ones (123.1). In cheap radios, this circuit is not very good, so the rejection (selectivity) goes to pieces. The quality of the IF stages also has a lot to do with it.

If the radio has a image rejection of 20dB, that means that the airplane signal has to be at least 100 times more powerful than the FM station to "break through". Easy to do when the airplane is right above your head and the FM station is 10 miles away! Capture ratio sez it only takes a dB or two to override the intended signal. And it does it!

Your best bet is to try another radio. Some *are* better than others.

On Mon, 18 Mar 1996 11:06:42 -0600,
in newsgroup rec.radio.scanner,
Isaac Kohn <ikohn@vertex.ucls.uchicago.edu>
from Ripco Communications, Inc. thoughtfully posted:

>There is a small, minor detail: Air transmissions were AM, last time I
> checked!

They still are!

>How does an FM receiver with poor-selectivity receive AM
> transmissions???

FM detectors are capable of detecting AM signals through "Slope Detection". In a nutshell: If you tune a FM detector off to one side, you can detect AM. When a FM detector is tuned "dead-on", it will have the most AM rejection. When it is tuned off resonance, to where the signal is now riding up-and-down on the steeper outer slopes of the detector curve, you create an AM detector (the detector curve is "bell" shaped) Some cheap one IC AM/FM radios use the same detector for both AM & FM, utilizing slope detection (Note that you have to disable any AFT circuits, as they will attempt to follow the signal and keep it centered).

Cheers,
Paul Grohe

Paul Grohe National Semiconductor Corp.
Sr. Electronics Technician 2900 Semiconductor Drive
AMPS New Products Eng Group Mail Stop C2693
Mailto:grohe@galaxy.nsc.com Santa Clara, CA. 95052-8090 USA
(408) 721-7389 Tel (408) 721-2513 Fax
Usenet Disclaimer: Any opinions expressed are mine, not NSC's

http://www.national.com

For technical assistance, literature, or samples call:
NORTH AMERICA EUROPE
(800) 272-9959 (49) 814 110-3720
mailto:support@tevm2.nsc.com mailto:cnjwge@tevm2.nsc.com

3565. WTB: newbie wants cheap&easy to use.....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: davy@wintershope.com
Message-ID: <4im3hh$is1@news.accessone.com>
Source record: 204318

The man who saved my life in Alaska 2 years ago only has ham equipment
for communications(no phone) I want to be able to talk with him from
only about 30 miles away.I am now disabled and have one good eye and
limitid use of limbs.Assume I know nothing. Can some one help me out
with advise or equipment or both? Training?

Limitid funds.I am good with electronics. Tahks in advance ,
,,D..Davy

3566. Re: HTX-202 birdie fix, HELP!, RS claims no fixes...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: sd00734@ltec.net
Message-ID: <4ilkr9$kas@iac2.ltec.net>
Source record: 204319

On March 9, 1996, Raki - Glenn Johnson - KB5VQI - Fort Worth Texas USA wrote:

>Never thought about bypassing (removing power to) the oscillator.
>
>A true mod to the 202 that inproves RX sensitivity!
>A small switch to turn on/off the power to the DTMF circutry
>should do the trick, you think?

This would not be good. The 3.597 crystal is the reference oscillator for the CPU. Disableing it will disable the radio. By "bypassing", the original poster probably meant RF bypassing for VHF using amall value capacitors, along with additional RF shielding around the CPU.

I also spoke to RS tech about the problem, and they were no help to me either. A possible solution that I can see would be to change the crystal to 3.61 MHz. This would move the birdie to 148.01, outside of the bandwidth of the radio. It's close enough that it _SHOULDN'T_ affect operation of the CPU adversly. The PLL section uses a seperate 12.8 MHz crystal, so this wouldn't affect the frequency accuracy of the radio. The only ill affect could be a shift in the frequencies of the DTMF and CTCSS tones, but how much, I don't know....

3567. Recurring Repeater power amp problem???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: WagnerJW@msn.com
Message-ID: <00001fed+00003146@msn.com>
Source record: 204320

Our club has an interesting problem with our 2 meter repeater's power amp. I was wondering of anyone else has had this problem, or may see something we have overlooked.

Over the past 3 years, we have had 2 different power amps fail because of what we believe to be parastitic problems.

After an amp has been on-line for a month or two, it's output begins to fail and it begins to generate very hi power spurs and other broad-band components. When the amp is disassembled, we always have found that the transistor tabs, solder, and any attached Z strips on one of the finals has been nearly destroyed by what appears to be arcing. After the initial failure, any future failures always happen on the same transistor. Our repairs have even included reconstucting the area with silver solder, but this only delays the failure an extra week or so.

What we've tried (with no success):

We have viewed the output of our exiter on a spectrum analyser, and found it to be totally clean (at least on the bench). Just in case, we have tried a second exciter, but got the same result.

We have replaced the original TE Systems power amp with a Mirage (both rated for repeater service). Same problem on the new amp.

Converted the system from a dual antenna/BP cavity arrangement to a fully duplexed single antenna system with a TX/RX Systems duplexer.

Replaced the system power supply with a surplus Lambda lab grade supply.

Our (current) Equipment:

-Maggiore ~3 watt repeater exciter.
-Mirage 4 watt in, 120 watt out power amp, typically run at 70 watts output.
-TX/RX Systems 4 cavity duplexer, 2 years old, factory tuned to our frequency.
-Approx. 200' 7/8" 50 ohm hardline
-Antenna Specialist 4 bay antenna SWR measured at the duplexer output was 1.7:1 (this antenna was replaced last week with a Cushcraft ARX-270 repeater antenna (new SWR od 1.4:1). It is too early to tell if this will solve our problem.

Any input is GREATLY appreciated!
John, N8CID WagnerJW@msn.com

3568. How do you like your Yaesu FT-3000M?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: kham@halcyon.com
Message-ID: <kham-1903960003070001@blv-pm1-ip18.halcyon.com>
Source record: 204321

Thanks, in advance. I'm seriously considering one, and am trying to
find out the following: (manuals aren't available for one to two months)

1. Does the receiver has advanced track tuning is 110-180 MHz, like the 2500M?
2. How is intermod resistance?
3. How easy/hard is the auto dial to use?
4. Just how well does that Smart Scarch work?
5. How much and what can you control the rig from the mike?
6. Overall, how would you rate the rig?

TNX de AB7FV, Dave

3569. FS: Bencher Iambic CW paddles

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: Michaels@digital.net
Message-ID: <4ims8a$8ct@ddi2.digital.net>
Source record: 204322

I have for sale a very nice set of
Bencher Iambic CW Paddles. It is in
new condition with original box.
$45

email if interested
michaels@digital.net

michael

3570. Re: BOATANCHOR NEWSGROUP?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: lakeith@robins.af.mil
Message-ID: <4imqot$hn@wrdis02.robins.af.mil>
Source record: 204323

BOBBIJ EC (bobbijec@aol.com) wrote:
: Is there a place on the net where boatanchors are offered for sale or
: wanted to buy?
: Thanx,

: Bill

--
Kinda... The Boatanchors e-mail reflector is available by
subscription. To subscribe, send e-mail to listproc@theporch.com
and in the body of the message, put: subscribe boatanchors your name.

73,

Larry, KQ4BY

3571. Re: Heathkit HW101 Help, Please ...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: "Tom V. Pfaffenbach" <tvpfaffe@mail.delcoelect.com>
Message-ID: <4imveq$ai4@kocrsv08.delcoelect.com>
Source record: 204324

Hi Jeff;

Before you attempt to tune up, be sure that your PA bias is set - ie: key the rig in cw with the ganged drive/gain control at zero, and be sure that the plate current drawn is at the bias mark (near S1 on the meter) The tubes idle at 20 ma apiece so they are almost cut off.

Now turn up the gain/drive until you start to draw some plate current, and immediately dip to min Ip. Now increase the drive (still in CW) and do the usual plate dip, load increase, plate dip, until the Ip is at S9+20 db on the meter. Now switch to output and tweak the plate for max. output indication.

Switch to ssb, set the gain up to about 3:00 and give a test call. You should see some ALC voltage on the meter in the ALC position. The ALC works really well, so don't be concerned about running the mike gain too high. The HW-101 has an excellent modulator with really wide dynamic range and they have really super audio on the air.

By the way, you might want to check the 2-33k ohm plate resistors on the plates of the 12AU7 carrier oscillator, and the 470k ohm resistor biasing the 15 volt zener diode on the cathode of the 6EA8 VOX relay tube. I have fixed a number of these units for folks over the years, and those parts have almost always drifted way up in value. Eventually the carrier oscillator output drops off and one sideband or the other gets weak. In the case of the VOX, it becomes erratic. If you have a power meter, the HW-101's typically deliver about 112 watts rf output into 50 ohms at 75 meter frequencies.

73 de K9JDU

3572. Re: HTX-212 & MFJ-1270C TNC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: burch@netline.net
Message-ID: <4in2vm$jdh@tesla.netline.net>
Source record: 204325
Cross-posted to:
de.comm.ham,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Brian Webb <102670.1206@CompuServe.COM> wrote:

>Several weeks ago I purchased a Radio Shack HTX-212 mobile
>2-meter radio. I own an MFJ-1270C TNC. What I'd like to do is
>hook these two units together so I can operate on packet.

>Here are some questions:

>1. Does anybody sell a pre-made HTX-212 to MFJ-1270C interface
>cable?

>2. If I have to make my own cable, does anybody have a schematic?

>3. Where can I buy an extra modular mic plug of the type used on
>the HTX-212?

>4. Have any of you interfaced these rigs and gotten them to work?
>If so, is there anything that I should know?

>Regards,

>Brian Webb, KD6NRP
>Thousand Oaks, CA

I have the same radio and TNC. I had to make my own cable. If you
call MFJ they will mail you a schematic. I think the parts costs
under $5.

3573. mod for yaesu ft-40r

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: yaesu FT40R <103077.2312@CompuServe.COM>
Message-ID: <4in0c8$7a0$1@mhafc.production.compuserve.com>
Source record: 204326

I recently purchased a Yaesu FT 40R 440 Mhz Ht. I've been
told that there is a mod available to make the radio transmit
out of band. I want to use this radio on my company's
commercial channels. Does anyone have information about this
mod? Thanks.

--
Peter Abraham
KA6ZNR
103077,2312@compuserve.com

3574. FR-146 FM Receiver Kit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: Dave Bremer <bremer@orion.ee.stcloud.msus.edu>
Message-ID: <314F1727.6CD3@orion.ee.stcloud.msus.edu>
Source record: 204327
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

My partner and I are using the Ramsey FR-146 2-Meter FM receiver kit to receive data broadcast at a frequency of 155.445 MHz. The data is sent with a 6 second delay between each new message. We are having trouble squelching out the noise during the 6 second delay period. The squelch seems to either cut out nothing or it cuts out everything including the data being broadcast. If anyone has any information regarding this kit or where we could receive help, we would appreciate hearing about it. Please e-mail any comments or suggestions.

Thanks.

Dave Bremer
St. Cloud State University
Electrical Engineering
bremer@orion.ee.stcloud.msus.edu

3575. Re: Weird Radio Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: bigd@mail.atw.fullfeed.com
Message-ID: <4imjob$46g@ray.atw.fullfeed.com>
Source record: 204328
Cross-posted to: alt.radio.scanner,alt.radio.pirate,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

>There is a small, minor detail: Air transmissions were AM, last time I
>checked! How does an FM receiver with poor-selectivity receive AM
>transmissions???

If close enough, it will. I have picked up CB radio transmissions (Also
AM) on a nearby FM reciever.

>

3576. radios and motorcycles

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: degreene@heurikon.com
Message-ID: <degreene.827272485@news.heurikon.com>
Source record: 204329

Hi,

I'm thinking about buying a ham handy talkie and using
it on my motorcycle. I know that Wingers and Harley touring types
use CBs on there bikes and I'm wondering if a special
type of microphone is necessary due to wind noise. I could
go with either a headset mic/headphone combo or a earphone
and a handheld mic, so info on use of either type would be
appreciated.

My bike is not a touring machine and only has a windshield,
so there is probabaly going to be more wind noise on it.

Please reply via email to daveg@heurikon.com

Thanks,
Dave

--

3577. Gauss meters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: Ken Smith <ken@ideasmith.com>
Message-ID: <314ED1D6.293F@ideasmith.com>
Source record: 204330

Safe Technologies Corporation, which markets gauss
meters and Ultra-low radiation computer monitors, is
now on the World Wide Web at
http:/www.milligauss.com

3578. Kenwood MC-90 microphone info needed.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: fehner@cts.com
Message-ID: <314f2e0c.2790972@news2.cts.com>
Source record: 204331

Does anyone have any comments on the Kenwood MC-90 microphone? I had planned to use one with a TS-870 but someone told me that it would not drive the transmitter to full output.

Barbara KK6IB
E-Mail: fehner@cts.com

3579. For Sale: ICOM IF Filters for IC-735

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: "dave . n7da" <dazan@teleport.com>
Message-ID: <4impvf$mun@nadine.teleport.com>
Source record: 204332
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.ham-radio.swap

```
For Sale:

FL-32A 500hz $75.00

FL-63A 250hz $75.00

tnx, dave.n7da
```

3580. RA1AOM PADDLE AND STRAIGHT KEYS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: OLLI TUPPURAINEN <Olli.Tuppurainen@ICL.FI>
Message-ID: <4imglg$6k3@newsfeed.icl.fi>
Source record: 204333

IN BEHALF OF VALERY RA1AOM AND ESKO LESKINEN OH6CI

I,Olli (OH6CT) and Esko (OH6CI) are very good friends of Valery RA1AOM and we were pleased to see the information about Val`s keys sent by Dave K8MN.

Unfortunately there was a little misunderstanding and i would like to inform all those who are interested in Val`s keys that first of all that making these keys of very high quality is more or less a hobby for Val and I am not a rep for these keys, just a friend of Val`s

Esko is working in Russia in other business and He knows Valery by this Hamradio hobby. Esko realized very quickly that Valery makes one of the best keys in the world. Esko invited him to Finland couple of months ago to visit SRAL ham event in Kouvola.Esko was sure that there would be Finnish hams who would be interested in these keys and Valery would be able to sell few of those keys. Indeed there was lots of interest for those keys and currently Valery has got atleast 40 keys ordered from him to Finland,Germany,U.K,and USA.

In principle there are two different models of paddle keys, chromium plated and marble based in different colours. Also straight key is available. Val told that one paddle key includes about 50 components.All of those components are handmade without any machines. To prepare one paddle key about 4 to 7 days is needed which means that it is not possible to make a big quantity in a year.

As told earlier making these keys is has been mainly hobby than full time work for Val Esko has recommended Val to put up a small company by him self to make these keys. If he is receiving enough of orders he might take this key making business as a main job for him and by that way maybe secure a better life for his family.

If you are interested in buying one of his keys you can send a letter to Esko and Esko will take those letters to Val. Esko comes over every third week from St Petersburg to Helsinki. Val is going to answer every single one personally and send a photograph and other information about his keys

Send your requests to

Esko Leskinen OH6CI c/o RA1AOM
P.O.BOX 13
01661 VANTAA
FINLAND

p.s I have given already all e-mail requests sent to Dave K8MN to Esko and Valery has got those reqests by today

Kind Regards

Olli Tuppurainen OH6CT / OH2KVH

3581. Re: Info on HW-99

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: jstroppe@uhl.uiowa.edu
Message-ID: <4imopf$16l0@flood.weeg.uiowa.edu>
Source record: 204334

John Stroppel (jstroppe@uhl.uiowa.edu) wrote:

Still no takers?

John
:
:
: Just got a Heathkit HW-99. The receiver has birdies when tunning across
: the band, in all band positions. Is this normal for this rig? OR is there
: a problem here. Seems to transmitt and receive but dial cal is off. Will
: look into that this weekend.
:
: If you have a schematic I could copy & send back, Drop me an email. I have
: the assembly manual, but the schematic did not come with it.
:
: Thanks
:
: John WA0VYZ
:
:
: --
: John Stroppel | Internet: jstroppe@uhl.uiowa.edu
: The University of Iowa - Hygienic Lab | Amateur Radio: WA0VYZ
: Oakdale Research Campus, OH-M7A | Voice: (319) 335-4500
: Iowa City, IA 52242 | Fax: (319) 335-4555

--
John Stroppel | Internet: jstroppe@uhl.uiowa.edu
The University of Iowa - Hygienic Lab | Amateur Radio: WA0VYZ
Oakdale Research Campus, OH-M7A | Voice: (319) 335-4500
Iowa City, IA 52242 | Fax: (319) 335-4555

3582. Re: WANTED: Free HF Transceiver...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: philrut1@aol.com
Message-ID: <4in6iu$1cr@newsbf02.news.aol.com>
Source record: 204335

In article <4imk38$bje@tune.cs.columbia.edu>, jbaltz@news.cs.columbia.edu
(Jerry B. Altzman) writes:

>Now, kindly crawl back under that bridge and go back to scaring villagers
>passing overhead.
>
>

That's pretty crass from someone who's looking for something for nothing!

3583. Re: Weird Radio Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: Michael J Wooding <vhf-comm@g6iqm.demon.co.uk>
Message-ID: <sWnjFFAfDxTxEwR$@g6iqm.demon.co.uk>
Source record: 204336
Cross-posted to: alt.radio.scanner,alt.radio.pirate,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

In article <314D9822.371D@vertex.ucls.uchicago.edu>, Isaac Kohn
<ikohn@vertex.ucls.uchicago.edu> writes
>checked! How does an FM receiver with poor-selectivity receive AM
>transmissions???

Slope detection

Mike

Michael J Wooding vhf-comm@g6iqm.demon.co.uk - CompuServe: 100441,377
WWW: http://www.eolas.co.uk/ag/vhfcomm.htm (hambits.htm & hamclip.htm)
WWW: http://www.clearlight.com/~vhfcomm
Tel: (0)1788 890365 Fax: (0)1788 891883
KM Publications, 5 Ware Orchard, Barby, Nr.Rugby, CV23 8UF, UK
VHF Communications Magazine - Especially Covering VHF, UHF and Microwaves

3584. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: Roland Burgan <rburgan@up.net>
Message-ID: <4imtsp$j8j@btc1.up.net>
Source record: 204337
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

If this fellows kitmaking skills are of the same caliber as
his language, I can see why his kits don't function properly.

3585. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: AA9IS <tbrock@execpc.com>
Message-ID: <4imqpg$4cs@daily-planet.execpc.com>
Source record: 204338
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

cRiTTa66 <critta66@shadow.net> wrote:
>ok, heres the story,
>A friend and i built the "FM-25" yesterday. We turned it on and
>nothing.. So we looked at the troubleshooting guide, "check all the
>capacatators for correct poplaraty" so well what do you know i fucked up
>on C4. So i re did c4 which is a 10uF ec. tried it again, it worked!
>After a little while of use (1 hour) is just stoped. no nothing, just
>static. I was prety MAD. So i took a lot at the PCB, it looked fine, no
>bridges or anything. My friend lookd at it and held it in her hand.. It
>suddnelt worked again. After this i set it up again to play some music
>from my walkman while listinging from my stero system in my room. after
>the fm-25 stoped working again is was ovious something is really fucked
>up with it.. but it was geting late and she had to go home. So today i
>was resoddering all the parts to see if i could fix the problem...
>It works again. Ok this is good, then it fucked up again! Dam i was
>pissed. so i started touching the underside of the PCB, where all the
>soddering connections are. it still wasnet working. Even though the
>light for "freqency LOCK" was on the transmiter wan't working. before
>the led would just be off.
>
>i also have this problem geting stero on the fm-25 before the unit
>completly broke. any ideas?
>
>Well im having trouble , should i send it in to be repaired for $36?
>Or just send in the BA1404 and the program IC's to see if there fucked
>up? i dono. well if you have any suggestions please e-mail me at
>critta66@shadow.net.
>
>Thanx in advance
>
>PS i can be reached on IRC (undernet) on #god or #troy

Did we learn a new word today?
A fine example of a commanding knowledge of the English language.

3586. Re: TenTec Triten IV for Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: turner@safety.ics.uci.edu
Message-ID: <4imnms$rrf@safety.ics.uci.edu>
Source record: 204339

In <314DA318.548E@vertex.ucls.uchicago.edu> Isaac Kohn <ikohn@vertex.ucls.uchicago.edu> writes:

>> TenTech Triten IV. Mike and manual included. Good shape.
>> $175 takes it. Post replies here.

>> JosephFor those of us that are ignorant, please post a more detailed
>description... I've never heard of that radio, and I'd like to know
>whether it's a xcvr, rcvr or xmitter..... what band(s) does it cover....
>what mode(s).... etc. etc. (power output too maybe?)

For Isaac and others interested - The Ten Tec Triton IV is a
1979 vintage fully solid state (one of the very first) HF SSB/CW
transceiver. It covers 80-10 meters not including WARC. Has
full break in CW, and it works well. There was an analog version
and a digital readout (actually a frequency counter, not a readout
on todays rigs) version. It is not small, but is pretty darned
light. Needs 12 volts at about 20 amps to run. Very low current
drain on receive. No microprocessors inside, except in the
frequency counter version.

I had a few of these and they are darned good basic radios. Worth
every penny of $175 and more when in good shape with accessories.
I inquired about this radio but I believe it had sold in moments...

Clark
WA3JPG

3587. Re: Please identify this Halicrafter.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: stilz@ibm.net
Message-ID: <DoJ0sD.5wJ@lexmark.com>
Source record: 204340
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In <4ijm1r$qks@acmez.gatech.edu>, soniat@prism.gatech.edu (Edward Soniat du Fossat Jr) writes:
>Gentle Reader:
>
>What is this radio, how old is it and should I repair or replace.
>
>It is a Halicrafter.
>
>It has a large half moon dial labeled Tuning (with the h symbol in the middle)
>It has a smaller half moon dial labeled Band Spread to the right of Tuning.
>It has Two large equal sized knobs one either side of the dials.
>In the lower left it has an AM/CW switch (vertical slider) and speaker/phone
>switch also a vertical slider.
>In the center is has a four position pointer knob for band selection.
>Too the right of the band select is a on/volume switch.
>On the lower right it has a standby/receive switch (vertical slider).
>The dials are covered with some sort of clear plastic.
>The bands are labeled from the inside out in Megacycles .55 -1.6,
>1.7 -5, 5 -14 , and 13.5 - 30. Some regions are labeled amateur and
>some foreign.
>
>It has two glass tubes, two small dark opaque material tube like
>components in tube like sockets, and two metal encased tube like
>components. It uses 110v AC. It was reportedly
>functioning but that was over 15 years ago. There is not a number or
>sticker on it that I could find. It has been painted so if there was
>anything etched on the cabinet it would be covered. It doesn't seem to be
>rusty but the rubber bushing that separate the chasis from the housing
>are mostly gone.
>
>Rating on a scale of 0 is run over by a truck and 10 is new this could
>be a 3, in other words it ain't pretty. My interests are somewhat
>sentimental but my funds are limited, if I could buy a similar radio
>with more modes for the same money I would seriously consider it but I
>would like to get this working again.
>
>Any thoughts.
>
>Ed
>--
> _| | _ Edward C. Soniat WE4TFT Internet:ed@pobox.com
> _| -|_ Mass transfer: 1854 Bishop's Green Dr
> | | Marietta GA 30062-6079 (770)579-3279

>

SX-24 or 22 maybe?? Describe the connection on the back please.

Mike Stilz
stilz@lexmark.com

The thoughts, ideas, and opinions expressed herein are mine and
are not intended to reflect those of my employer.

This message was created and transmited solely via OS/2 applications

3588. Re: WANTED: Free HF Transceiver...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: jbaltz@news.cs.columbia.edu
Message-ID: <4imk38$bje@tune.cs.columbia.edu>
Source record: 204341

In article <4ila08$bmu@news.usit.net>, Steven Fritts <sfritts@usit.net> wrote:
>sskdr@cwo.com (Scott KF6BRP) wrote:
>>working, equipment laying around? All my resources are going to my new
>>baby, but I can afford whatever shipping is required.
>>Scott Bains-Jordan

>If you can afford a baby and an Internet account you can afford a
>radio.

Hardly. You can't feed your baby QSL cards.

Now, kindly crawl back under that bridge and go back to scaring villagers passing overhead.

//jbaltz
--
jerry b. altzman Entropy just isn't what it used to be +1 212 650 5617
jbaltz@cs.columbia.edu jbaltz@scisun.sci.ccny.cuny.edu KE3ML

3589. Mods for Standard C168A ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: rfguba@ultranet.com
Message-ID: <4il8jl$sdu@caesar.ultra.net>
Source record: 204342

I am interested in a source for describing what type of mods can be made on the Standard C168A handheld.

Bob Guba
Amateur Radio: W1QMN
19 T 296326 4706643 WGS84
E-Mail: rfguba@ultranet.com
Home Page: http://www.ultranet.com/~rfguba/

3590. WTB: IC-202

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: bob@waterw.com
Message-ID: <4in4bo$o5p@sea.waterw.com>
Source record: 204343

I'm looking for an IC-202. Must be working and have a manual.
Clean condition is a plus. Send info to bob@waterw.com.

Thanks
Bob

3591. Re: IF 10C for TS-140S;need Info(buy?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: ga19989@evax01.d51.lilly.com
Message-ID: <1996Mar19.212221.1@evax01.d51.lilly.com>
Source record: 204344

I just bought an IF-10B from R&L Electronics for my Kenwood. Seems that Kenwood
ran a few more through the factory recently. You might try calling your local
ham supply house.
Mel KJ9C

In article <314A53DE.716F@nbnet.nb.ca>, "Dan Hubert (VE9DAN)" <zulu@nbnet.nb.ca> writes:
> Bill Hosking wrote:
>>
>> Kenwood has discontinued the IF 10C computer interface for the TS-140S. I am
>> looking for info/price/availability/schematic whatever you can provide.
>> Thanks
>> Bill W7JSW
>> p05328@email.mot.com -or-
>> billh@getnet.comBill...I have a spare one here. I poked around inside of it when trying
> to reduce baud rate below 4800. It wouldn't take a lot of effort to get
> it working. All the cables appear to be still there as well.
>
> Zap me e-mail .....zulu@nbnet.nb.ca
>
> Dan VE9DAN

3592. Re: BOATANCHOR NEWSGROUP?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: kilgore@wichita.tivoli.com
Message-ID: <4inb47$1o2@tivoli.tivoli.com>
Source record: 204345

In article <4ihtjg$alk@newsbf02.news.aol.com>, bobbijec@aol.com (BOBBIJ EC) writes:
|> Is there a place on the net where boatanchors are offered for sale or
|> wanted to buy?
|> Thanx,
|>
|> Bill

Bill,

There is a boatanchors mailing list, which includes not only postings of boatanchors, but a lot of boatanchor expertise as well. If you are into boatanchors at all, you should check it out. You can subscribe by sending e-mail to listserv@theporch.com. Leave the subject line blank and enter the following in the body:

subscribe boatanchors <your_email_address>

There is a $12.00 annual charge, and IMHO it is a bargain. There is a free three-week trial period to check it.

73,
Jeff, KC1MK

3593. Re: BOATANCHOR NEWSGROUP?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: bill.sorsby@dlep1.itg.ti.com
Message-ID: <4imnat$gbp@mksrv1.dseg.ti.com>
Source record: 204346

In article <4ihtjg$alk@newsbf02.news.aol.com>, bobbijec@aol.com says...
>
>Is there a place on the net where boatanchors are offered for sale or
>wanted to buy?
>Thanx,
>
>Bill

Yes,

There is the Boat Anchors e-mail list. It is subscription only at a cost of $12 per year. Newcomers can get a free trial subscription for three weeks.

To subscribe send an e-mail message to listproc@theporch.com. Leave the subject blank and type the following in the first message line:

subscribe boatanchors your_name

Regards,
Bill Sorsby, N5BU

3594. Re: Weird Radio Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: slwork@netcom.com
Message-ID: <slworkDoIzEu.HG2@netcom.com>
Source record: 204347
Cross-posted to: alt.radio.scanner,alt.radio.pirate,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

Dennis Nuetzel (bigd@mail.atw.fullfeed.com) wrote:
: >There is a small, minor detail: Air transmissions were AM, last time I
: >checked! How does an FM receiver with poor-selectivity receive AM
: >transmissions???

: If close enough, it will. I have picked up CB radio transmissions (Also
: AM) on a nearby FM reciever.

"AM rejection" is a spec which applies to FM radios. It is worse on
cheaper ones.

The circuitry used to detect FM signals can respond to changes in the
amplitude. Especially when the circuit is cheap, and under conditions
where it is overloaded.

3595. Re: ic-w21at

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: jdonimi@nv2.uswnvg.com
Message-ID: <4iljq9$iqu@fred.uswnvg.com>
Source record: 204348

On my W21AT, I did the button presses mentioned below and it does not
even accept the frequency I enter (I'm entering a 460 MHz frequency).
It behaves like it did out of the box - you press a "5" in UHF mode and
the display instantly displays "445 " MHz. Any useful hints as to what
I'm doing wrong? I'll be grateful...

Jeremy WA7YGB

ps. My serial # is 02266

Chuck Hanson (crhanson@pop.athenet.net) wrote:
: I have a Icom IC-W21AT and I would like to modify it to receive cell
: phone frequencys. My friend has an identical unit, his serial number is
: 03111 and mine is 04477. His unit receives cell calls. I have done the
: mods recommened on QRZ...(hold the light button, "#" key and the "B" key
: while turning on the HT and I didn't let them up until the display self
: check was done. I can enter the frequencys, but I do not receive
: anything. I have had my unit next to the other one with cell calls being
: received on my friends and nothing on mine. Can you help?

: Please E-mail me at: crhanson@athenet.net

: Thanks, Chuck N9OEQ 73

3596. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: a313@Lehigh.EDU
Message-ID: <4imd8l$1fsg@ns4-1.CC.Lehigh.EDU>
Source record: 204349

In article <4ikqld$efe@news.doit.wisc.edu>, prjohnso@facstaff.wisc.edu (Peter R. Johnson) writes:
> I generally reserve my amorous rutting for animate female
>humans, so I'm stumped on this one. Maybe if you clean up all the
>sticky stuff you squirted into your device at the culmination of your
>passionate throes it would work. I've never seen an FM-25, so I don't
>know if the designers made arrangements for cleaning after use,
>although surly they must have foreseen such an occurance. Maybe next
>time, you should wear a condom....
>
> Peter R. Johnson
>
> A condum over the toungue may not work. He may try wearing one over his head for 20 minutes. Yhat should be long enough to at least clean up the verbage going into the FM-25

3597. S-Meter for Hammarlund HQ129X Receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: sgoldberg@psu.edu
Message-ID: <sgoldberg.26.314ED4CA@psu.edu>
Source record: 204350

I am in the process of restoring a Hammarlund HQ129X receiver and need to replace the S-meter. Any help in locating one would be very much appreciated.

Thanks for the help,

Steve, AA3NE

Steven Goldberg, AA3NE
sgoldberg@psu.edu
Hershey, Pennsylvania

3598. Re: Alinco DX70 Experience

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: Paul Moller <Paul_Moller@csg.mot.com>
Message-ID: <314EDA8B.6572@csg.mot.com>
Source record: 204351

>
> The thing I *don't* like about it is the PL encoder, which uses DIP switches on the
> bottom of the rig (*ugh*). My FM contacts report that the PL is audible, meaning that
> the deviation is too high. I don't have the service manual, so I'm not sure how to
> adjust it yet. Of course, you only get 10W out on 6m, too - but that's what external
> power amps are for. I like mine very much, and consider it to be an excellent value.
> 73 de KB9JTT
> willf@rrgroup.com

Alinco had a problem with high deviation, they will fix (adjust it) for
free.

I agree that the DX70 is a better hf radio than the 706 is. Its only
drawbacks are low power on 6m, and it doesn't have 2m. (does the 706
really have 2m that works??)

My advice, buy the DX70, then if you really want 2m, get a seperate
radio, then you can listen to both at once too.

Paul_Moller@csg.mot.com

3599. Re: Adding PL tones to old rig?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: David A Allen <davida>
Message-ID: <4imnou$ikg@nonews.col.hp.com>
Source record: 204352

Hello Bob!

I saw your posting in rec.radio.amateur.equipment and couldn't resist
responding...

boardman@cobra.unm.edu (Bob Boardman) wrote:
>
> This weekend I adopted an old Icom IC-211 2 meter all mode that needed a
> new home (The original owner having bought one of those fancy new Kenwood
> 144/220/440 tribanders). It seems to be a very solid older reg, with
> very good intermod rejection, but it would be nice to also be able to
> use it on a few of the local repeaters that require tones. Is there
> any easy and/or relatively inexpensive way to add PL tones to this
> rig?
>
> -Bob KC5SFW

You may want to contact Communications Specialists. They make CTCSS encoder/
decoder boards and have several application notes on how to use their products
with older radios. (Sorry, I don't have their phone number handy, but I
believe
they advertise in QST...)

Hope this helps!

'73

Dave Allen, N0IPQ

3600. Re: Q: how to clear a memory in Yaseu FT-51R?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: jcupples@iphase.com
Message-ID: <jcupples-1903961410280001@va-dyn29.iphase.com>
Source record: 204353

In article <sourceDoHIxy.6ny@netcom.com>, source@netcom.com (David Harmon) wrote:

> R.D. Miller <tango@teleport.com> wrote:
> >
> >When you scan channels, it scans only the programmed ones,
> >skipping unprogrammed channels. Here's the question: how
> >do you change the state of a memory channel from "programmed"
> >to "not programmed?"
>
> You have two choices. In the FT-51R manual see "Masking Memories" pg. 32
> and "Memory Skip Scanning" pg. 35.
>
> Skip Scanning: Recall the memory, press (FM), press (MR). SKIP appears
> in the display. That memory will be omitted while scanning, but is still
> active for manual use.
>
> Masking: Recall the memory, press and hold (FM) for 1/2 second until [F]
> blinks in the display, then press (MR). This makes it as good as if it
> were never programmed.
>
> What could be simpler? B-)

Erasing only that memory, clearing its contents would be simpler. It seems illogical that you can't do this. If you make a mistake, it stays there and all you can do is mask it...I'm with R.D.

You can of course clear all the data in memory. Just follow the instructions in the manual for enabling wide receive mode, then those for returning to ham band only reception. I can tell you from experience this will do it. ;-)

But I still like this little HT anyway.

73
Jerry Cupples
KC5SXA

3601. Opinions Wanted: ft-840 rcvr vs. other rigs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: "W. Dennis Zeares" <wdzeares@aud.alcatel.com>
Message-ID: <314F2A4F.167EB0E7@aud.alcatel.com>
Source record: 204354

I have an FT-840 and I am not happy with the receiver...
I have put QRP rigs and an argonaut next to it and they
all have better receivers in terms of sensitivity...

Has anyone compared the 840 with other rigs... what rigs have
better receivers...???? You opinions would be appreciated.
email to wdzeares@ix.netcom.com or wdzeares@aud.alcatel.com

thanks, 73, Dennis K3ETS Dallas

3602. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: Horney Byte <hb@aol.com>
Message-ID: <4imv4v$45o@cloner2.ix.netcom.com>
Source record: 204355
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

FUCKED!!!!!!!

Open your ASS and I will FUCK YOU!!!!!

Pervert & Dirty Mouth.......

Horney Bite

3603. WTB: 2m/70cm Mobile xcvr

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: Bill Kirk <billk@conic.loral.com>
Message-ID: <4imu36$o3a@wdl1.wdl.loral.com>
Source record: 204356

I am interested in an ICOM or Kenwood dual band mobile transceiver in good+ condx. Please respond direct to my email address with all pertinent info, including model number, condx, estimated S&H charges and price.

Thanx,

Bill W6RQQ
San Diego

3604. help yaesu ft-203 mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: hippolyte tournier <tournier@iprolink.ch>
Message-ID: <4ingto$jqe@missile.iprolink.ch>
Source record: 204357

Anybody can please tell me how to modify the Yaesu FT-203 to have
5 khz steps?
Thanks in advance

HB9IBG

3605. Advice Wanted on How To Start

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: Jeff Childers <childers-md-nmd@anmd-usassdc.army.mil>
Message-ID: <4in151$22f@michp1.redstone.army.mil>
Source record: 204358

I received my nivice ticket several years ago but got busy and never did anything with it. Now I am thinking of getting my technicians license and setting up a rig.

The question is how do I go about selecting my first radio and obtaining local assistance in setting it up? The magazines have equipment in my price range but I don't know what features to include/exclude from my first purchase.

If you can offer advise or guidance or just tell me what you did at first and why it would be appreciated. Thanks.

J.K. Childers

3606. FS: Heathkit SB-102, SB-640, SB-600, HP-23

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4in9tc$i80@mksrv1.dseg.ti.com>
Source record: 204359
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

FOR SALE: Heathkit HF station

SB-102 HF CW/SSB transceiver:
all tube type (no solid state here!)
100 Watts PEP output power on 80/40/20/15/10m
original Heath 400 Hz CW filter installed
fresh alignment by a local tube-rig restorer
all weak or bad tubes have been replaced by me
no modifications (except as required to connect
SB-640 Remote LMO, and previous owner's mod to
connect one of the Heath spectrum analyzers)
copy of manual
SB-640 Remote LMO:
fresh alignment by me
tubes tested good by me
new interconnecting cable built by me
copy of manual
SB-600 Speaker:
no modifications
sounds good and clear
HP-23 Power Supply:
no modifications
all voltages checked correct by me
cable to connect to SB-102
not mounted inside SB-600, but it can be
copy of manual

Cosmetic condition is GOOD, but nowhere near mint. No
serious damage to anything. Cabinets on SB-102 and 640
have been painted a light green, a lot brighter than
the original, but attractive. A real purist would want
to strip and totally refinish the cabinets, but anyone
looking for a rig to actually USE would leave them alone.
The SB-600 and HP-23 have not been repainted and look
good. The SB-102 and SB-640 front panels, knobs, VFO
dials, etc, look good. All lettering on the panels is
in good shape with no appreciable wear. Inside, all of
the units are in good shape, not all full of crud and
lint like many old tube-type rigs get.

Operating condition is also good. Freshly aligned and
working correctly. The CW filter is an original Heath
optional unit, installed by me.

The asking price for this setup is $300. I do not want
to sell any of the pieces separately (sorry, I know how
hard the speaker and Remote LMO are to find any more).
A microphone is NOT included (I don't have a spare).
The buyer pays the ACTUAL shipping costs.

E-mail or phone me if you're interested. 73 and Thanks!
Dean Hemphill, KC5NG
PO Box 328
Lake Dallas, Texas 75065
(817) 497-5365

3607. Re: Best Rig for SWL and Ham?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: Bill Crocker <billc@mail.rust.net>
Message-ID: <314F2856.2707@mail.rust.net>
Source record: 204360

Chris Dorn wrote:
>
> Hi,
> I am a relatively new Ham, and I still spend much of my time SWL as
> well as Hamming. I am wondering from the broad array of rigs that offer
> general coverage, if there are rigs that really pay attention to the
> needs of the avid SWL. I am thinking particularly in the areas of
> selection of AM bandwidth filters, and RX audio quality. If one had to
> choose one rig to meet the needs of the SWL and Ham what would it be?
> Interested in your opinions.
> Thanks very much,
> Chris VE6RDC

Chris:

Check out the Kenwood TS-870S! It has DSP (Digital Signal Processing). There are no extra filters required! I bought one of these for the receiver functions alone!

Bill Crocker

3608. Re: Weird Radio Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: jlundgre@delta1.deltanet.com
Message-ID: <4il14f$1jj@news02.deltanet.com>
Source record: 204409
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

I don't think there is any point in trying to make a silk purse out of a
sow's ear. He should go get a decent radio receiver rather than try to
patch up a poor one.

Also, it may help more to decrease the signal strength rather than
increase it.

Anthony O. Cardenas ~ WA6IGJ (cardenas@kaiwan.com) penned:
: petern@terraport.net (Peter Neidhardt) wrote:

: >I own a cheap General Electric boombox... I am on a certain FM channel
: > I intermittenly pickup actual radio transmissions from overhead commercial
: >airliners...
: ^^^^^^^^^^^^^^^^^^^^^^snip -to-fit^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

: Paul,

: The aircraft band is right next door to broadcast fm music band. ADD your
: fm receiver's 'IF'- frequency (some times 20.x MHz or 10.xMHz) and with a
: strong enough signal from a aircraft right overhead, you may get a "mix".

: Your aircraft can 'mix' with your desired station +'IF' and there you
: have it. Often even more magic is involved... where two signals transmitt
: at the same time and mix down to your fm receiver. Infact there is a very
: obscure program (no I don't have it) that calculates where the offending
: signals are and next is to build a filter to trap out at least one of the
: offenders.

: The cure? Add a external FM Antenna... the better fm antennas look much
: like a TV Antenna, except the elements are almost all the same length...
: Use 300 ohm 'twin-line' to feed the signal to the set. Twist the
: twin-line as it passes from antenna, all the way to the set.

: What? No screw terminals for the two wires? Then try a random 'long
: wire' antenna with a alligator clip on the business end and clip it to
: your whip antenna! You may need to move the long wire around till you find
: the best signal. This should provide a stronger signal from you FM station
: and hopefully swamp the front-end with 'desired' signal.

: Weinguard makes a FM PASS filter (75 ohm coax 'f' fittings)... this signal
: loves the FM Brodcast band and tries it's best to reject other signals
: above and below the band. Cost, about $12, retail. I can't vouch for the
: quality of a Radio Shack equiv. More elabroate 'tunable' 'notch' filters
: can be had, but for lot's more money for one of quality.

: Hope this helps!

: Tony
: WA6IGJ

--
#======P=G=P==k=e=y==a=v=a=i=l=a=b=l=e==u=p=o=n==r=e=q=u=e=s=t======#
John Lundgren - Elec Tech - Info Tech Svcs.	jlundgre@
Rancho Santiago Community College District	deltanet.com
17th St at Bristol \ Santa Ana, CA 92706	http://rsc.rancho
My opinions are my own, and not my employer's.	.cc.ca.us
Most FAQs are available through Thomas Fine's WWW FAQ archive:
http://www.cis.ohio-state.edu:80/hypertext/faq/usenet/FAQ-List.html
"You can flame your brains out -- it won't take long."
#===T=u=z=l=a==C=o=m=p=a=n=y=.=.===t=h=r=e=e='=s==L=e==C=r=o=w=d=!==#

3609. Re: TM-241, FT-2200, FT-2500, TM-251, FT-3000?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: Cliff Nail <kb5rtk@rt66.com>
Message-ID: <314F62A7.17BB@rt66.com>
Source record: 204410

David A. Kay wrote:
>
> I am trying to decide on a 2 meter or 2/440 rig for the car. The
> TM-241 and FT-2500 come in tops on QST intermod rejection, but have no
> DTMF dialing capability, which I use quite a lot. The FT-2200, 3000 and
> the TM-251 have autodial capability.
>
> If you have any of these, how like them and evaluate them for
> intermod rejection and ease of use for DTMF dialing?
>
> TNX, de AB7FV, DaveDave,

I have the TM-451 and TM-251 both great radios, however if you plan
to use them on a good high gain antena you better think twice buying a filter
along with it. When I connect my 251 to the my j pole on the roof I have to
use a notch filter to filter out of the pagers in my area. I think that this
radio has this problem because of the 9600 baud ready out of the box. IF
filter is really wide (I think) However when I put this same radio on a 5/8
wip on the car and go around town and by the house The intermod goes way
down.(90% gone) So I do not know if it is just the location on my roof or it
is gain! I suspect I get more gain out of the jpole on the roof over the
5/8 wip on the car.

Other than this observation, I love the radio and inspite of the intermod, I
would buy the radio again!

DTMF dialing works fine from what I have seen. (It works the auto patch and
that is all I care!)

Hope I have helped and
understood your request!
Take care
Cliff Nail
KB5RTK

3610. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: graham@southlin.demon.co.uk
Message-ID: <19960319.110649.45@southlin.demon.co.uk>
Source record: 204411
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

In message <314C74DA.2BB3@shadow.net> cRiTTa66 wrote:

> ok, heres the story,
> A friend and i built the "FM-25" yesterday. We turned it on and
> nothing.. So we looked at the troubleshooting guide, "check all the
> capacatators for correct poplaraty" so well what do you know i fucked up
> on C4. |||| ENOUGH .. ENOUGH |||| (snips)

> PS i can be reached on IRC (undernet) on #god or #troy

#god + #troy .. now hear this!

A completely different approach might have got you oodles of help!
When the situation demands it, I can also blister the air blue. It helps alleviate the pain and frustration and/or is excused because it was delivered with such wit and good nature as to be forgiveable.

What you do appears to be to seek attention (pathetic!), or to troll for flames (this time you got some!). My kids read my screen too, and I resent having to explain to them that the foul-mouthed norms you have adopted are characteristic on any channel that has a wide audience, and are unrepresentative of the rest of us. (eg. - repeater usage).

Jeez - I don't even know what "undernet" is... maybe it's time to do a little slumming!

73's ??? naah, the concept is wasted on you.
88's as appropriate ??? OK - I gotta place (I'll show you where!)

--
Graham Seale

3611. Re: Diplexor for 80-10 and 6 meters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4imdv0$ku7@news.halcyon.com>
Source record: 204412

Carl Estey <carl.estey@HBC.Honeywell.com> wrote:

>Some time ago I scanned a message that mentioned a device (diplexor or
>duplexor?) that lets you connect seperate 80/10 and 6-meter antennas to
>one input/output of a radio. Such devices are common for VHF/UHF but
>uncommon for 6 and 80-10 meters. Can anyone tell me who makes this
>device? Cost and model would be helpful too.

>The specific application is the ICOM IC-706 which has on SO-239
>connection that services 80 - 10 meters AND 6 meters. I would like to
>divide this for use with one antenna on 80-10 and another for 6-meters.
>Fortunately, Icom did provide a seperate connector for 2-meters!

Carl,

Comet make a diplexor like you desire. Ithe model is CF-360. I am
using one with my 706 and it wirks fine.

Gary

3612. Re: IC706 VHF Mars/CAP transmit ??????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4ime72$ku7@news.halcyon.com>
Source record: 204413

stever@raven.cybercom.com (Stephan Rashkin) wrote:

Well it's been over a month or so and the service manuals
>have been out...Has anyone undone Icom's blunder of
>excluding VHF/CAP Mars operators????

>Steve, WA2NHZ

I would have a look in the latest Artsci manual. You better be ready to do some desoldering. there is a box with 20 pins that needs to be desoldered, two SMD devices removed and under the main board a circuit trace to be cut and jumper added. then when your are through the radio still will only offset 4 megahertz so it is impossiable to span the two meter band. if you have a CAP repeater with an input on 143 Mhz and output on 148 Mhz you are out of luck, the 706 will not do that split, only will do 4 Mhz tops.

Gary

3613. mars/cap mods for FT900

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: thooker@psl.nmsu.edu
Message-ID: <thooker.105.000D358E@psl.nmsu.edu>
Source record: 204414

Does anybody have the proper mod to enable mars/cap operation with a Yaesu FT900 Transciever? If so, please email them to me.

Thanks,
T

3614. Diplexor for 80-10 and 6 meters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-19 00:00:00 UTC
From: Chris.Boone@106-4267.woodybbs.com
Message-ID: <338_9603200731@woodybbs.com>
Source record: 204415

5*** Quoting Carl Estey to All dated 03-15-96 ***
> From: Carl Estey <carl.estey@HBC.Honeywell.com>
> Subject: Diplexor for 80-10 and 6 meters
> Organization: Honeywell News Distribution Server
>
> Some time ago I scanned a message that mentioned a device (diplexor or
> duplexor?) that lets you connect seperate 80/10 and 6-meter antennas to
>
> one input/output of a radio. Such devices are common for VHF/UHF but
> uncommon for 6 and 80-10 meters. Can anyone tell me who makes this
> device? Cost and model would be helpful too.
Yep...Comet and Diamond (I think) make such a diplexer...

all it is is two filters....one HP and one LP both cutting off near the appropriate ham band (the HP cuts off at 45 Mhz...the low pass cuts off at 32 Mhz)...the crossover isolation allows lowband and 6mtrs-up to operate ok..

(the design is the same whether UHF/VHF or HF/VHF or X/Y....all you got to do is make the circuit have enough isolation between ports by making the cutoff freqs as far as possible from each other and yet still allow the intended range to pass thru with little loss)

I have one of the COMET HF/6 diplexers...works great!

use it on my TS680
73
Chris
WB5ITT
--
|Fidonet: Chris Boone 1:106/4267
|Internet: Chris.Boone@106-4267.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.

3615. Help Repeater Linking!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: MKWS78A@prodigy.com
Message-ID: <4ip9bc$m1a@useneta1.news.prodigy.com>
Source record: 204261

Could someone direct me to a good book on repeater linking. I have
heard of voters and linking remote receivers via radio or Telephone lines.

I looked in the Handbook,but it really doesn't explain to much. What I
want
to know is a Remote receiver just that ,a RX radio or is it a another
Repeater!
I have a repeater at my home, and I would like to try and extend
coverage
for my handheld and mobiles. If I have a another person that will let me
install a antenna on there property, then I need to know how to link it
to my
base. Appreciate your help.

Bill
MKWS78A@prodigy.com

3616. VHF Motorola Mitrek modifications

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: draagen@news.connectnet.com
Message-ID: <4iph2b$f8v@news.connectnet.com>
Source record: 204262

I recently acquired a 60W VHF Motorola Mitrek radio, a single-channel version apparently capable of covering from 136-146 MHz. The channel elements installed are for 149.1 (both transmit and receive).

It would appear (from indications in the service manual) that all that's required to make this radio a four-channel model would be more channel elements, and simple modifications to the cable. (I'm going to be home-brewing a control head, so I can make that whatever I need it to be.) Am I right about the cable?

What I can't tell from looking at the service manual is what (if any) other modifications are required to operate on the 2 meter ham band (I'm aware that I'll need to get channel elements for the frequencies desired).

My intention is to modify this radio for eventual use at 9600 packet, and I have what looks like a good modification procedure obtained on the WWW at 'http://www.gag.com/papers/mitrek.html.' There're only two places where it leaves me a bit uncertain.

One is where it says to remove R515. On the VHF model, there is no R515. I would probably just 'drive on,' except that the other place I'm confused is where it says to short jumper from R501 through hole to R515 through hole.

My confusion here is two-fold. First, _which_ through-hole (it looks like the resistor is mounted in two, one at each end), and second, since the VHF radio doesn't _have_ an R515, I'm not sure where to run the other end of the jumper, even if I should manage to guess right as to which through-hole to jumper _from_.

Also, is there a tuning procedure that can be done without much in the way of test equipment? Assuming I obtain appropriate channel elements and can operate the radio as a four-channel unit, how can I insure that it performs acceptably?

Finally, in the April, 1996 issue of _CQ_VHF_, the 'Digital Data Link' column, N2IRZ writes that '...even relay-switched radios can be modified (with a smaller capacitor in the PTT line) to provide reasonable TXDleay (TXD) times...' Does that comment apply to the Mitrek, and if so, what capacitor should be changed, and what value should it be replaced with?

Thanks in advance for any assistance anyone can render on any part of this puzzle.
--
San Diego District Youth Leader

David Negaard phone: (619) 761-0280
625 Shenandoah Avenue mailto:draagen@connectnet.com
San Marcos, CA 92069 http://www3.graceland.edu/~jrmj/negaard

3617. Re: HTX 212 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: n7ory@primenet.com
Message-ID: <4ipa5o$8de@nnrp1.news.primenet.com>
Source record: 204263

duane@rci.ripco.COM (Duane Whittingham) wrote:

>What is a HTX-212?

>--
>>>>> Duane Whittingham - N9SSN - Dedicated to TVRO & Radio Broadcasting! <<<<

> duane@ripco.com (MHGC -- Damian Smith)

>>>>> Tom & Darryl TVRO Show Now on E2/18 5.8 Audio Thursdays at 9pm ET! <<<<

A Radio Shack 2 meter (144-148 Mhz) moblie radio/transmitter. (Soon to
be replaced byt the HTX-242)

3618. Re: 706 INFO NEEDED

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: Jim Cummings <jcumming@clark.dgim.doc.ca>
Message-ID: <4iphjg$5du@crc-news.doc.ca>
Source record: 204264

dd980@FreeNet.Carleton.CA (Russ Rinckey) wrote:
>I am looking at a new 706 but have herd that the latter ones are better?
>If so what serial number should i look for.

I don't know... but I got mine about 6 weeks ago and I am EXTREMELY
happy with my box...

73 and live better digitally
Jim

3619. Yaesu FT-3000M - what do you know???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: kham@halcyon.com
Message-ID: <kham-2003961048140001@blv-pm0-ip2.halcyon.com>
Source record: 204265

Thanks, in advance. I'm seriously considering one, and am trying to
find out the following: (manuals aren't available for one to two months)

1. Does the receiver has advanced track tuning is 110-180 MHz, like the 2500M?
2. How is intermod resistance?
3. How easy/hard is the auto dial to use?
4. Just how well does that Smart Scarch work?
5. How much and what can you control the rig from the mike?
6. Overall, how would you rate the rig?

TNX de AB7FV, Dave

3620. (none)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: braymer@InfoAve.NET
Message-ID: <01I2KBC62C5U8ZQII5@InfoAve.Net>
Source record: 204266

```
add ham-equip
```

3621. Re: WHOLESALE ELECTRONIC PRODUCTS from China

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: cphillips@interpath.com
Message-ID: <4iq0hd$nns@news.interpath.net>
Source record: 204267

In article <4ij6du$7b7@crash.microserve.net>,
jackl@pinetree.microserve.com (WB3U) wrote:
> xfustier@adnc.com (Dim-US Co.) wrote:
[snip]
>what a jewel I had until the tape transport broke a month later.
>Funny, the outside said AT&T, but the inside said China.

>Quality or no, its becoming very difficult to find non-Chinese
>products in many stores. I think the Chinese economy is going to
>bury us.

Imagine if they go democratic/free enterprise.
Japan times 1.2 or so BILLION people. But they WILL be a big
market :-).

========= Opinions expressed are solely those of the author ==========
Curt Phillips, CEM KD4YU ex-WB4LHI) | "Computer users will need a
Chairman, Tar Heel Scanner/SWL Group| mouse when they grow a
ARRL Life; QCWA; Raleigh ARS; NRA | third arm." -Pres of WordStar
Energy/Recycling BBS 704-547-3114 | circa 1983
== cphillips@energy.commerce.state.nc.us == cphillips@interpath.com ==

3622. Re: Help with Atlas 210X

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: cphillips@interpath.com
Message-ID: <4iq1bo$nns@news.interpath.net>
Source record: 204268

In article <4ii0vs$84c_001@pine222.cruzio.com>,
davew@cruzio.com (David Wells) wrote:
>A friend gave me the above radio that was on a boat he bought. It turns on but
>no RX or TX. I have an interconnect diagram but no schematic of the PCB's. Are
>they available? Is anyone still servicing Atlas or have any parts? Would
>appreciate any info. Tnx.

Some people don't realize it, but even though the Atlas is relatively
small, you can turn it into a "handheld" sized unit. Indeed, it
can and *should* be done with any Atlas radio.
The way you do it is to find the nearest industrial strength
trash compactor, insert the Atlas radio, switch the compactor on and
crush the Atlas into a small, neat, easily handled package.
Don't worry... it will work just as well crushed as it ever did before
and it's much easier to carry.
You said he gave it to you... you STILL didn't get a good deal :-).
But, I'm not sure I'd call anyone who gave me an Atlas a "friend".

That's the best help I can give you. I guess this post really
tests that "I'd appreciate any info" line, doesn't it? :-)

A former Atlas 180 owner from 20 years ago who STILL hates them...
========== Opinions expressed are solely those of the author =========
Curt Phillips, CEM KD4YU (ex-WB4LHI) |
Chairman, Tar Heel Scanner/SWL Group | DEATH to the
ARRL Life; QCWA; Raleigh ARS; NRA; AEE| Tasters' Choice couple.
Energy/Recycling BBS 704-547-3114 |
== cphillips@interpath.com ==

3623. Need Manual, Standard C288/188/488A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: byron_hellewell@out.trw.com
Message-ID: <1996Mar20.110517.1524@batman>
Source record: 204269

Looking for a operators manual for Standard C288A portable. I understand
that 188A and 488A manual contain the same info. Please describe what
you have and the cost.
Thanks
Byron WB7ACJ

3624. Kantronics Challenger Terminal Unit Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: hlsmg@ttacs.ttu.edu
Message-ID: <hlsmg-2003960905580001@lib041.lubb.ttuhsc.edu>
Source record: 204270

I have a Kantronics Challenger Terminal unit that I'd like to put on the air. I have everything for it except the manual. Can someone give me the pinouts for the DIN plugs? TIA es 73's

Gerry,
WB5R
g.grant@ttu.edu
--
Gerald A. Grant g.grant@ttu.edu Amateur: WB5R
Texas Tech University Health Sciences Center
Libarary of the Health Sciences, Lubbock, TX
806-743-2220

3625. HTX-202 Question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: Steven Meltz <driller@mars.superlink.net>
Message-ID: <4ipobi$dsu@earth.superlink.net>
Source record: 204271

I have two 2 year old HTX-202s, one of which has developed the following problem. I use the rig mobile, and on a few (seemingly random) frequencies (one of which is my favorite repeater naturally!) the unit takes a few seconds to come up to full power when I press PTT. I measured the output with an external meter, and I get the same indication; the power goes up to 2 to 3 watts, than after 1 to 3 seconds will "jump" up to full 7 watts. The SWR is 1:1. Again, this only happens on a few frequencies. I brought the unit into the house and it acts the same.

Any theories or solutions would be greatly apprectiated.

Thanks.

3626. Re: Kenwood Mics

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: Alan Raskind <alan.raskind@trw.com>
Message-ID: <315061A0.30DE@trw.com>
Source record: 204272

Ej Johnson wrote:
>
> DM>From: subbustr@whidbey.net (DAVE M . SCHERTZER)
>
> DM>
> DM>get the NEW Kenwood Back-lit mic...NICE!!!
>
> Do you know how much they sell for?
> Thanks,
>
> EJ Johnson N6OID
> San Diego, Ca.
> Not Tonight Baby...., I have a Modem!
> ---
> * CMPQwk #1.42* UNREGISTERED EVALUATION COPY

Ed,

They sell for about $80.00. I think the mic case is a bit too large as it doesn't seem as comfortable as the original one is. The backlighting on the buttons might be a bit brighter. It looks like an LED is use for illumination. The PTT button requires too much pressure to comfortably hold down, but that is easily fixed.

Just open the case and you will find a conical shaped spring with a small rubber insert inside. Just remove this spring/rubber assembly, and close the case. The PTT will actuate with a very light touch. It will spring back because there is an additional high density "foam" rubber bar attached to the PTT bar which provides the return action. My mic also seems to be "hot" audio wise, more so than the original, but that's no big deal. There is also a metal weight mounted on the back inside case to give it some heft. They removed the round dashboard mounting button and replaced it with a rediculous metal "loop" hanger. The elongated hole in it is so small that no knob on my cars will allow it to hang.

All in all, it's a bit pricey, but it does the job. Kenwood ought to look at some of the Yaesu mics for ideas.

Alan, WA6AQC

3627. Re: FT-530's....Why so cheap?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: jdonimi@nv2.uswnvg.com
Message-ID: <4ipqvt$cah@fred.uswnvg.com>
Source record: 204273

RICKCRIDER (rickcrider@aol.com) wrote:
: Hello all:
: I've noticed that the prices on the Yaesu FT-530 HT's have rocketed
: downward......
: Seen them advertised as low as $289.00, brand new. A major dealer at a
: recent hamfest was selling them as low as $259.00, brand new. What
: gives.....are they being discontinued? What is planned for their
: replacement? Heck, at these prices I'm considering buying a couple just
: to throw in the drawer as spares. Thanks.
: Cordially:
: Rick Crider
: KD4FXA
: Monroe NC

The replacement for the FT-530 I thought is the FT-51R. Yaesu is selling both at once, for some reason. I love my FT-530, but some of the programming of unusual things is impossible to remember for me and I have to look it up in the manual. Other things are obvious and convenient to program. I also have two different ICOM handhelds. They are all good products in my opinion, but the $289 price for the FT-530 is really spectacular for such a fine radio!!!

Jeremy WA7YGB

3628. Re: Alinco DX70 Experience

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: bb@tisc.com
Message-ID: <4iq1p9$nd1@taxis.corp.titan.com>
Source record: 204274

Paul Moller <Paul_Moller@csg.mot.com> wrote:

>>
>> The thing I *don't* like about it is the PL encoder, which uses DIP switches on the
>> bottom of the rig (*ugh*). My FM contacts report that the PL is audible, meaning that
>> the deviation is too high. I don't have the service manual, so I'm not sure how to
>> adjust it yet. Of course, you only get 10W out on 6m, too - but that's what external
>> power amps are for. I like mine very much, and consider it to be an excellent value.
>> 73 de KB9JTT
>> willf@rrgroup.com

>Alinco had a problem with high deviation, they will fix (adjust it) for
>free.

>I agree that the DX70 is a better hf radio than the 706 is. Its only
>drawbacks are low power on 6m, and it doesn't have 2m. (does the 706
>really have 2m that works??)
I use my IC706 daily on the morning comute net and it works great. i
also use it on ssb with the same results. Im glad i didnt buy a dx70,

>My advice, buy the DX70, then if you really want 2m, get a seperate
>radio, then you can listen to both at once too.

>Paul_Moller@csg.mot.com

3629. Re: Ham Stores in NYC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: midgard@nycmetro.com
Message-ID: <1121.6653T994T1839@nycmetro.com>
Source record: 204275

>In <8BD01AB.002700342E.uuout@hobbs.com> roland.stiner@hobbs.com (ROLAND
>STINER) writes:

>>To: midgard@nycmetro.com
>>Subject: Re: Ham Stores in NYC

>>M>Thanx for the tip. Would you happen to know of an upcoming testing
>>session?
>> >I'm currently studying the Gordon West No Code Tech book and will be in
>> >need a test site soon to become licenced. Thanx

>>No, but you can get the information for a SASE from the ARRL in
>>Newington, CT. They'll be glad to help.

>Also try: Amateur Radio Reference
> http://www.panix.com/clay/ham/

>It includes a section on testing and exams in NYC.

>--
>Clay Irving, N2VKG :
>clay@panix.com : Some mornings it just doesn't seem worth it
>http://www.panix.com/clay : to gnaw through the leather straps...

Thanx for the tip Clay.

<tsb>
Midgard Graphics
3D Animation and Special FX for the hobbyist videographer
Email: midgard@nycmetro.com

--
Drop into #amigacafe on IRC's undernet for a chat sometime

--

<tsb>

A man of many hobby's master of none.

3630. Need Info on BC-348-R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: "Forrest B. Snyder, Jr." <fbsnyder@mitre.org>
Message-ID: <4ipvj8$2or@linus.mitre.org>
Source record: 204276

I recently acquired a command receiver, type BC-348-R without any tech manuals, prints, or other documentation. Any idea where I can acquire said documentation? Documentation purchase, although distasteful, is an option.

BTW, this is a real solid receiver that I intend to use as the station receiver for my nostalgia station. I would be interesting in hearing from anyone who is using or has used a BC-348 in a similar manner.

Please reply by eMail to fbsnyder@mitre.org

Thanks in advance for your help.

Forrest Snyder
N4UTY

3631. Re: Motorola Mitrek

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: Francis Lyn <lynf@candu.aecl.ca>
Message-ID: <4ipf90$qmv@shpk1.candu.aecl.ca>
Source record: 204277

Send me your snail mail address and I will mail you a copy of the schematic diagram for the interconnection to the remote head. You need to provide connections for:

1. Volume control
2. Squelch control
3. Speaker output
4. Microphone connections, including PTT
5. 13.8 Vdc power/ground to power supply.

I assume you're jumpering the frequency selection internally.

73 de Francis VE3TDL

3632. Parts source for used mics??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: b.bark@ix.netcom.com
Message-ID: <4iq53d$sq1@reader2.ix.netcom.com>
Source record: 204278

Trying to find used GE Portamobile speaker/mic
Ideas?

Thanks, Bark

3633. Best Rig for SWL and Ham?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9603202346.AA27222@noldor>
Source record: 204279

Take a look at the Yaesu FT-900, Its sounds great on AM,
compared to my other rigs. Rig now, every one chasing after the IC-706,
but for a good DX and SWL Rig the FT-900 can't be beat for the money,
and performance. I seen a few almost new, super clean ones go for $900
to $1000 with the tuner built in.
A lot of the bigger HF rigs right now don't seem to moving that fast
since 80% of HF rig sales in stores have been the IC-706. You can
take advantage and get a real nice rig, at a great price, for the FT-900.
I have a IC-706 and a FT-900 and won't let go of my FT-900. But a few
hams have been trading in the FT-900 for the smaller IC-706.
The passband tuning, filterig, AM detector, Noise Blanker, Imd rejection
are much superior in the FT-900. Sounds like one of my old Hallicrafter
SX-122's receivers on AM.
73
Mike

3634. Re: FS: HP431C Power Meter and HP478A Thermistor Mount

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: Jay Wicklund <jwicklun@mail.halcyon.com>
Message-ID: <NEWTNews.827367634.3410.jwicklun@mycroftxxx.halcyon.com>
Source record: 204280
Cross-posted to: rec.radio.swap,rec.radio.amateur.homebrew,rec.radio.amateur.equipment

In article <4ip2hi$im0_001@isp.melpar.esys.com>,
rec.radio.amateur.homebrew:14806 rec.radio.amateur.equipment:28004
>
> I have an HP431C Power Meter and companion HP478A Thermistor Mount
for Sale.
> Both are working units and I'll include the original manual for the
431C. Will
> sell both for $125 (shipping included in CONUS). Ask Tucker if this
is a good
> deal. He wants over $700.
> Dale
>
> ++
> + Dale B. Allen (703) 849-1639 Internet: dallen@melpar.esys.com +
> + E-Systems, Falls Church Division FAX: (703) 280-4627 +
> ++
>
That's a great deal folks, if the units are working. I paid more than
that for the HP478A - and didn't even get the connecting cable. If I
didn't already have one, I'd snap it up....73 de KI7RH

3635. Re: Kenwood MC-90 microphone info needed.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: Keith Hester <ks9c@itis.com>
Message-ID: <3150A473.4301@itis.com>
Source record: 204281

Barbara Fehner wrote:
>
> Does anyone have any comments on the Kenwood MC-90 microphone? I had
> planned to use one with a TS-870 but someone told me that it would not
> drive the transmitter to full output.
>
> Barbara KK6IB
> E-Mail: fehner@cts.com----------

Hi Barbara:

The MC-90 microphone impresses me as being grossly overpriced and having no particular audio attributes that would justify its price. It was introduced about four years ago as a recommended companion to the TS-950SDX.

I have no personal experience with this microphone, but I've spoken with a number of operators who were attempting to use it with rigs like the TS-950SDX and TS-850S. They have all commented on its low output. The greatest problem was that most of these rigs did not possess sufficient VOX gain to permit dependable VOX operation with the MC-90. If VOX is not important to you and if you speak above conversational level, this microphone should be able to drive the TS-870S to adequate ALC --- but in all probability, the MIC control will have to be advanced further than for many other microphones.

Regards,
Keith (KS9C)

3636. Re: HTX-212 & MFJ-1270C TNC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: genek@dibbs.net
Message-ID: <3150AC46.2F73@dibbs.net>
Source record: 204282
Cross-posted to: de.comm.ham,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Brian Webb wrote:
>
> Several weeks ago I purchased a Radio Shack HTX-212 mobile
> 2-meter radio. I own an MFJ-1270C TNC. What I'd like to do is
> hook these two units together so I can operate on packet.
>
> Here are some questions:
>
> 1. Does anybody sell a pre-made HTX-212 to MFJ-1270C interface
> cable?MFJ sells pre-made cables for most radio. Have you checked with them?
>
> 2. If I have to make my own cable, does anybody have a schematic?
>
> 3. Where can I buy an extra modular mic plug of the type used on
> the HTX-212?
>
> 4. Have any of you interfaced these rigs and gotten them to work?
> If so, is there anything that I should know?

You might check these internet sites for some information:
http://www.idir.net/~medcalf/ztx/wire/
http://www.tandy.com/rs/rsmain.html

--
Gene Kennedy, Mobile AL
genek@maf.mobile.al.us
genek@dibbs.net
wa4wbi@maf.wa4wbi.ampr.org

3637. Hey! Who controls IC-706?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: n3usqn3usq@aol.com
Message-ID: <4iqfsl$8hi@newsbf02.news.aol.com>
Source record: 204283

Greetings!

Is anyone out there using a computer to control the Icom IC-706? I know the radio has a computer port, and I know there are interface adapters out there, but is anyone using them? Has anyone heard of computer programs for this? Is anyone out there? Does anyone care?

Thanks. Send any responses to Jeff, jbaker@ubmail.ubalt.edu as well as posting on this news group. 73 de WK3U

3638. FS: Tri-band TX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: "E.W. Robitaille" <ewr2@apc.net>
Message-ID: <3150EB91.7420@apc.net>
Source record: 204284

I have for sale a Drake UV3 tri-band transceiver. This unit operates
on 2m-220-440, 10 watts low and 25 hi. The unit is in exceptional
condition and comes with the following accessories:
Matching Drake external speaker
Slide-in mobile mounting bracket
Standard mobile mounting bracket
Comet tri-plexer (new in bag, never used).

Asking $400.00 for all. -Eric - N6ITD

3639. Re: Recurring Repeater power amp problem???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: Cliff Soderback <Cliff-s@cris.com>
Message-ID: <3150D07C.64E9@cris.com>
Source record: 204285

John Wagner wrote:
>
> Our club has an interesting problem with our 2 meter repeater's power
> amp. I was wondering of anyone else has had this problem, or may see
> something we have overlooked.
>
> Over the past 3 years, we have had 2 different power amps fail
> because of what we believe to be parastitic problems.
>
> After an amp has been on-line for a month or two, it's output begins
> to fail and it begins to generate very hi power spurs and other
> broad-band components. When the amp is disassembled, we always have
> found that the transistor tabs, solder, and any attached Z strips on
> one of the finals has been nearly destroyed by what appears to be
> arcing. After the initial failure, any future failures always happen
> on the same transistor. Our repairs have even included reconstucting
> the area with silver solder, but this only delays the failure an
> extra week or so.
>
> What we've tried (with no success):
> ----------------------------------
> We have viewed the output of our exiter on a spectrum analyser, and
> found it to be totally clean (at least on the bench). Just in case,
> we have tried a second exciter, but got the same result.
>
> We have replaced the original TE Systems power amp with a Mirage
> (both rated for repeater service). Same problem on the new amp.
>
> Converted the system from a dual antenna/BP cavity arrangement to a
> fully duplexed single antenna system with a TX/RX Systems duplexer.
>
> Replaced the system power supply with a surplus Lambda lab grade supply.
>
> Our (current) Equipment:
> ------------------------
> -Maggiore ~3 watt repeater exciter.
> -Mirage 4 watt in, 120 watt out power amp, typically run at 70 watts output.
> -TX/RX Systems 4 cavity duplexer, 2 years old, factory tuned to our frequency.
> -Approx. 200' 7/8" 50 ohm hardline
> -Antenna Specialist 4 bay antenna SWR measured at the duplexer output
> was 1.7:1 (this antenna was replaced last week with a Cushcraft
> ARX-270 repeater antenna (new SWR od 1.4:1). It is too early to tell
> if this will solve our problem.
>

> Any input is GREATLY appreciated!
> John, N8CID WagnerJW@msn.com

John:
The bypass relays are a real problem source with these amps. They usually switch with each transmission and sometimes stick, this leaves no load on the amp with full power. You can lock on the relay, but the amp will draw about 2 amps on standby due to the biasing of the transistors for SSB operation. A simple mode can be made to remove the bias. I have used both of these amps and have had both fail. Both manufacturers suffer from poor quality board soldering. These amps are not good for more than 20% duty cycle. Ham repeators need CCS(continous commercial service) rated equipment, as they are on for hours at a time. Be sure to use an isolater on the output of the Amp, this will protect the amp from intermittant antennas, also will help intermod problems.
I have used commercial quality amps with good reliabilty, but they are not inexpensive.

Cliff, W7VVA

3640. Re: WHOLESALE ELECTRONIC PRODUCTS from China

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4iqmjk$bga@newsbf02.news.aol.com>
Source record: 204286

In article <4iq0hd$nns@news.interpath.net>, cphillips@interpath.com (Curt Phillips) writes:

> Imagine if they go democratic/free enterprise.
>Japan times 1.2 or so BILLION people. But they WILL be a big
>market :-).
>
>

Right, just like Japan and Mexico is!

3641. Ten-Tec Kits

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: Shelby Merrick <smerrick@som-uky.campus.mci.net>
Message-ID: <3150864E.5ACF@som-uky.campus.mci.net>
Source record: 204287

Does anyone have experience with the ten-tec kits? I am looking for
some good kits to build, and it seems that ten-tec is one of the better
sources from what I hear. Any suggestions or comments?
73's
Shelby
KE4AKA

3642. Re: KENWOOD TS503

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: ns4w <ns4w@tdsnet.com>
Message-ID: <4iptkl$46g@madison.tdsnet.com>
Source record: 204288

Whats a "TS503", I have heard of "530", is this different ?

3643. Re: Info on RCA Commercial two-way radios

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: Mark Boden <mbodenn4tzv@may-uky.campus.mci.net>
Message-ID: <4iq244$6bc@news.campus.mci.net>
Source record: 204289

I have used RAB parts in Canonsburg PA for manuals and parts. The number
that I have for them is 412-873-4600

3644. Need Manual Geave GTX-600

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: Chris.Boone@106-4267.woodybbs.com
Message-ID: <34d_9603210920@woodybbs.com>
Source record: 204290

5*** Quoting Carl H Nord to All dated 03-17-96 ***
> From: cnord@mail.snet.net (Carl H Nord)
> Subject: Need Manual Geave GTX-600
> Organization: Southern New England Telephone
>
> Help,
> I picked up a Genave GTX-600 6 mtr FM Rig, and it needs some
> attention.
> Anyone have, or know of a source for a manual with a schematic and
> alignment procedure ?
> Thanks,
> Carl Nord
> WA1KPD
>
>
> ---
I may still have MY copy of my GTX 600 manual...(still have the rig...but it
doesnt TX now)...

Gee didnt think anyone else still had one of these besides myself :)

73
Chris
WB5ITT

72732.2610@Compuserve.com
--
|Fidonet: Chris Boone 1:106/4267
|Internet: Chris.Boone@106-4267.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.

3645. FS or TRADE: GE PCS UHF Handhelds

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: Dave Dredge <ddredge@kmg.com>
Message-ID: <3150D756.7745@kmg.com>
Source record: 204291
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

I have 3 ge pcs UHF portables in mint condition with
antennas, batteries and 2 slow and 1 rapid chargers.

These are 4 channel scanning programmable.

asking $225 each or $600 for the set or will trade
for a motorola GM300 UHF 438-470 split.
Or, ham band dual band mobile.

Dave Dredge
email: ddredge@kmg.com

3646. Re: What do you need for a 2 meter repeater

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar20.181126.24193@ke4zv.atl.ga.us>
Source record: 204292

In article <199603180414.UAA01770@bing.ncw.net> glass@televar.COM (JA Glasscock) writes:
>Does any body know what I need for starting a repeater, equipment wise? I
>want it to have an autopatch, and CTCSS tones to access it.

The *very* first thing you need is a coordinated channel pair. This is
the essential first step. Depending on where you are, there may not *be*
any 2m pairs available. In that case you'll need to look to another band,
such as 70cm, 23cm, etc. That has a major impact on equipment selection.

For any repeater, you need a bulletproof receiver, a clean transmitter,
and some form of controller. If you desire a single site with a common
antenna, you'll also need a duplexer ($$$). If you go to a split site,
you'll need a link. That can be a dedicated phone line, or a radio link,
and you'll need a coordinated link frequency in that case, in addition to
the extra receiver and transmitter for the link.

Since you want to use CTCSS, the controller can be as simple as a
CTCSS decoder driving a PTT relay, with a timeout timer and IDer
spliced in there somewhere. (You'll also need a separate control
receiver, or a dedicated phone line, to maintain positive control of
the repeater as required by the regulations.) You could have a whizz bang,
singing and dancing, beeping and booping, pinball machine noise making
computer controller with 999 voice mailboxes and automatic paging, but
please don't do that. It's like teaching a pig to sing, it's not pretty
to listen to, and it annoys the pig.

Oh, and if you must compete with the cellular industry, you'll need
a DTMF controlled phone interface and another dedicated phone line.
Don't forget power supplies for everything, and a nice high site
with hardline and commercial grade antennas on which to put everything.

While you *can* put together a good repeater for under $500 (mine
cost about that), if you aren't very knowledgeable, and a hell of
a scrounger, figure on about $3000 for a serviceable repeater package.
And unless you find a free site (rare), figure on up to $500 a month
for site rental. (I'm lucky, I have a free site, and it even includes
free power with a 500 kW emergency backup generator. Most repeater
owners aren't so fortunate.)

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3647. Re: TM-241, FT-2200, FT-2500, TM-251, FT-3000?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar20.182211.24291@ke4zv.atl.ga.us>
Source record: 204293

In article <314F62A7.17BB@rt66.com> Cliff Nail <kb5rtk@rt66.com> writes:
>
> I have the TM-451 and TM-251 both great radios, however if you plan
>to use them on a good high gain antena you better think twice buying a filter
>along with it. When I connect my 251 to the my j pole on the roof I have to
>use a notch filter to filter out of the pagers in my area. I think that this
>radio has this problem because of the 9600 baud ready out of the box. IF
>filter is really wide (I think)

Nope. The pagers are up around 158 MHz, the 20 kHz wide IF filter
is just as good at blocking a signal 21.4 MHz away as a 15 kHz
IF filter, IE not at all because the filter is in the *IF* not in
front of the first mixer. The *real* problem is the *very* wide
filter in front of the first mixer that allows out of amateur band
reception. It also lets the *image* frequencies through. Not good.
This doesn't have anything to do with the radio being 9600 baud
"ready" (it really isn't, and BER is still excessive).

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3648. wtb: allied, lafayette, and heathkit catalogs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: rew5808 <bwilder@reallink.com>
Message-ID: <4io1fi$uos@ferengi.prismnet.com>
Source record: 204294
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.cb

looking for some hams to help me locate electronics catalogs from the mid 50's to mid 60's.

especially ALLIED ELECTRONICS, LAFAYETTE RADIO ELECTRONICS, and heathkit.

as a sidelite, i would also like to acquire a built or unbuilt 100mw "Knight Kit" CB walkie talkie (from Allied Electronics i think). It is from about 1959 or 1960, case is blue, 4-transistor.

any help?????

bobby wb5wur

3649. Re: Kenwood Mics

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: subbustr@whidbey.net
Message-ID: <4io0lu$6ol@whidbey.whidbey.com>
Source record: 204416

They r abt $60 fm A.R.S.
Can't seem to keep'm in stock....
I plan to get 1 next month...
Also plan on the 733A also...

de subbustr@whidbey.net VE7LFA/W7

3650. Cable Schematic for connecting MFJ 1270b to KW TR-2600A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: vanmeter@voicenet.com
Message-ID: <4io3g9$hdh@news.voicenet.com>
Source record: 204417

Anyone have a schematic for connecting a MFJ-1270B TNC to a Kenwood TR-2600A Handie-Talkie? It would be greatly appreciated - My first attempt to get on packet!
Live Life Lovingly!
Michael Van Meter
DE KE7YE
Live Life Lovingly!
Michael Van Meter

3651. Re: What do you need for a 2 meter repeater

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: conklin@forbin.com
Message-ID: <314f93cc.375804@139.175.12.10>
Source record: 204418

On Mon, 18 Mar 1996 21:43:40 GMT, Monty Wilson
<mwilson@bangate.compaq.com> wrote:
>glass@televar.COM (JA Glasscock) wrote:
>>Does any body know what I need for starting a repeater, equipment wise? I
>>want it to have an autopatch, and CTCSS tones to access it.
>
>You'll need a repeater-shack site at the base of a large tower, with a
>phone line or two coming to it, a good 2m antenna way up the tower, and
>enough Heliax to reach from the repeater shack up to the antenna. You
>need two 2m radios (the one you use for receive must have a PL tone
>decoder, e.g., the Alinco DR-110T) and a set of cavities and someone who
>knows how to tune them. To run the whole thing you need a repeater controller
>board with autopatch. You'll need a frequency-pair, which are pretty easy to
>get EXCEPT on the 2m band, in which case you'll have to apply to your local
>2m governing body and get on a waiting list.
>
>--
>.........Monty.
>mwilson@bangate.compaq.com

Although one is tempted to go with an 'off-the-shelf-easy solution'
for a repeater receiver, all this guarantees is another alligator
repeater (large jaw shuts on weak received signals as soon as the
transmitter keys up) wasting another repeater pair.

Modern rigs of almost all nature, and any commercially produced
amateur rig (ever made) are poor choices for all but the lowest
powered repeaters (10 watts or less). Even with high quality
duplexers you need some front end selectivity that only commercial
radios have (e.g. Motorola, Ericcson/General Electric, EF Johnson,
etc.).

Even some of these commerical radios have eliminated narrow/selective
receivers to make service, sales, tune-up so that anyone with a
computer can sell radios (doesn't need *ANY* service equipment, or any
knowledge of radio repair other than 'push button and talk into box').

Motorola Micors, Motorola Mitreks, GE Mastr II, GE Custom MVP, all
have helical resonators in the receivers and are good for repeater use
(even as mobiles, they work as bases). And best of all they are
obtainable for $25 to $100 each at hamfests (working, but often banged
around and dirty ;-(

Whatever you do- please don't put another repeater on the air that is
heard 100 miles away, that 50 watt mobiles cannot work reliably into
until they are within 30 miles of the repeater- this is a huge waste

of spectrum and only makes you a bad RF neighbor to repeaters on the same frequency pair.

73
Chris Conklin, N0PAV

3652. Re: WANTED: Free HF Transceiver...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: dteague@csc.com
Message-ID: <4iovsg$q6a@explorer.csc.com>
Source record: 204419

PhilRut1 (philrut1@aol.com) wrote:
^^^
: In article <4imk38$bje@tune.cs.columbia.edu>, jbaltz@news.cs.columbia.edu
: (Jerry B. Altzman) writes:

: >Now, kindly crawl back under that bridge and go back to scaring villagers
: >passing overhead.
: >
: >

: That's pretty crass from someone who's looking for something for nothing!

Geez: haven't they got that newsreader at aol fixed yet? <g>
--
Regards 73 de dteague@csc.com "They're out there" K Kesey
Guy KG5VT gteague@why.net "Hey don't eat that yellow snow" F Zappa

3653. Re: Please identify this Halicrafter.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: Walt Novinger <waltn@hooked.net>
Message-ID: <31507A2B.17E4@hooked.net>
Source record: 204420
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

> In <4ijm1r$qks@acmez.gatech.edu>, soniat@prism.gatech.edu (Edward Soniat du Fossat Jr)
writes:
> >Gentle Reader:
> >
> >What is this radio, how old is it and should I repair or replace.
> >
> >It is a Halicrafter.
> >
> >It has a large half moon dial labeled Tuning (with the h symbol in the middle)
> >It has a smaller half moon dial labeled Band Spread to the right of Tuning.
> >It has Two large equal sized knobs one either side of the dials.
> >In the lower left it has an AM/CW switch (vertical slider) and speaker/phone
> >switch also a vertical slider.
> >In the center is has a four position pointer knob for band selection.
> >Too the right of the band select is a on/volume switch.
> >On the lower right it has a standby/receive switch (vertical slider).
> >The dials are covered with some sort of clear plastic.
> >The bands are labeled from the inside out in Megacycles .55 -1.6,
> >1.7 -5, 5 -14 , and 13.5 - 30. Some regions are labeled amateur and
> >some foreign.
> >
> >It has two glass tubes, two small dark opaque material tube like
> >components in tube like sockets, and two metal encased tube like
> >components. It uses 110v AC. It was reportedly
> >functioning but that was over 15 years ago. There is not a number or
> >sticker on it that I could find. It has been painted so if there was
> >anything etched on the cabinet it would be covered. It doesn't seem to be
> >rusty but the rubber bushing that separate the chasis from the housing
> >are mostly gone.
> >This sounds like one of the many S-38 variants to me.

The real issue here, however, is the conditipon of the "rubber
bushings"...these are insolatore that keep the cabinet isolated from the
chassis which is HOT! This is an AC-DC set, having one side of the AC
line connected DIRECTLY to the chassis. If your plug or receptacle is
wired incorrectly, and you happen to touch the cabinet and a good ground
at the same time, you'll probably understand what toast feels like!
Forgive the shouting, but DO NOT OPERATE THIS SET WITHOUT AN ISOLATION
TRANSFORMER. At the least, replace the isolation bushings with rubber or
plastic to maintain the insolation. Really.

Walt
--
==========

Walt Novinger Real Radios Keep You Warm At Night!
Collector of hollowstate communications receivers and test equipment
waltn@hooked.net wnovinger@shl.com CI$: 73348,2015
http://www.hooked.net/users/waltn

3654. Re: IF 10C for TS-140S;need Info(buy?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: lenrev@wwa.com
Message-ID: <4insi8$bko@kirin.wwa.com>
Source record: 204421

Brian Gilhuly <brian@synapse.net> wrote:

>
>The IF-10C is nothing more than two ICs that go into existing
>sockets inside the radio. The types required are an 8251A and a
>4040 and both should be fairly easy to find. (The 8251A will be
>harder because there isn't much call for 8250 UARTs like it any
>more.)

>Apart from the ICs, you will also need to buy or build an
>external level translator like the Kenwood IF-232C. for more
>info on this, check the Kentrol Web pages.

>73 de Brian

>The IF-10C was a board with two IC's that is attached with four screws and two headers in my 680. I think the 440 used the two IC approach.

3655. Kenwood TR-2500

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: ub075@freenet.Victoria.BC.CA
Message-ID: <1996Mar20.051700.11272@freenet.victoria.bc.ca>
Source record: 204422

My dad has aquired a secondhand Kenwood TR-2500 handheld 2m FM Transeiver.
It came with a buch of stuff, car adapter, AC adapter, hand mike etc..

The problem is there is no manual. Both him and I have played with the
radio for a fair while, with very little success on making it do anything
more than the basics.

My dad claims to have attempted to contact Kenwood. If anyone has a
source for manuals, or is even willing to provide some very basic
operating instructions, let me know.

Also: a source for batteries would be nice. All of the rechargeables
that came with it would not hold a charge. A hack was made, using a battery
case, and a bunch of AA's, but the proper rechargables would be nice.

Please EMail, as I don't read this group often. If intrest is expressed
in what I found, I will summarize.

Thank you.
--
Ryan Perkins - 1:340/44 | I feel that suicide jumpers see a glimpse of
ub075@freenet.victoria.bc.ca | sanity as they throw themselves from the ledge.
Ask for PGP 2.6.2 public key | That's why they scream all the way down.
8C5357 : 9F FF BA 93 54 D5 18 78 4B 1E DA GC E3 4E

3656. FS FT-2500M

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: Hank <kb2rkx@soho.ios.com>
Message-ID: <31506590.3A2E@soho.ios.com>
Source record: 204423

Selling FT-2500M for a friend. New last August. All boxes,books etc.
$260. 73 Hank

3657. Wanted: Ten-Tec Model 282 IF Filter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: "dave . n7da" <dazan@teleport.com>
Message-ID: <4insbh$3gl@nadine.teleport.com>
Source record: 204424
Cross-posted to: rec.radio.swap,rec.ham-radio.swap,rec.radio.amateur.equipment

```
Wanted:

Ten-Tec Model #282 If Filter

tnx, dave.n7da
```

3658. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: Ray Woodward <raywoodward@enterprise.net>
Message-ID: <WDHwABARyEUxEwes@enterprise.net>
Source record: 204425
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

In article <4imv4v$45o@cloner2.ix.netcom.com>, Horney Byte <hb@aol.com>
comments :

>FUCKED!!!!!!!
>
>Open your ASS and I will FUCK YOU!!!!!
>
>Pervert & Dirty Mouth.......
>
>Horney Bite

The really sad thing is that excrement like that get to vote ..:-(

--

Ray

//////\\
(# #)
-----oOO-(_)-OOo---
++++ My WWW page: http://homepages.enterprise.net/raywoodward/ ++++

[raywoodward@enterprise.net]

3659. FS: HP431C Power Meter and HP478A Thermistor Mount

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: dallen@melpar.esys.com
Message-ID: <4ip2hi$im0_001@isp.melpar.esys.com>
Source record: 204426
Cross-posted to: rec.radio.swap,rec.radio.amateur.homebrew,rec.radio.amateur.equipment

I have an HP431C Power Meter and companion HP478A Thermistor Mount for Sale. Both are working units and I'll include the original manual for the 431C. Will sell both for $125 (shipping included in CONUS). Ask Tucker if this is a good deal. He wants over $700.
Dale

++
+ Dale B. Allen (703) 849-1639 Internet: dallen@melpar.esys.com +
+ E-Systems, Falls Church Division FAX: (703) 280-4627 +
++

3660. Icom Delta100 Crossband repeat

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: adam@tbsa.com.au
Message-ID: <4ioqbu$d71@news.tbsa.com.au>
Source record: 204427

Howdy!

I'm looking for a mod to enable cross-band repeat
in my Delta 100.

Also, I've been trying to get a service manual for
the damn thing, but Icom (Australia) claim one was
never produced for the Delta 100.

All I really need is a copy of the schematic so I can
improve the transmit audio which is really restricted
and disgusting !!!

Any help much appreciated.

Please email me.

Cheers,
Adam VK3ALM

3661. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: Karl Kurz <kkurz@acad.umm.maine.edu>
Message-ID: <Pine.A32.3.91.960320124630.9175D-100000@acad.umm.maine.edu>
Source record: 204428
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

>PS i can be reached on IRC (undernet) on #god or #troy>

* Did we learn a new word today?
* A fine example of a commanding knowledge of the English language.

Hear, hear..... postings like this make me really excited about
demonstrating Ham Radio and Newsgroups to my students.

3662. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: Stephen Farlow <sefarlow@phoenix.net>
Message-ID: <4ioubn$o9d@alterdial.UU.NET>
Source record: 204429
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

You might get a more favorable response if you would eliminate the obscene, offensive language!

3663. Hallicrafters HA-5 VFO

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: DKight@gnn.com
Message-ID: <4ipmhp$j0c@news-e2a.gnn.com>
Source record: 204430

Hallifcrafters HA-5 VFO ... Perfect condition !! (as close to new
and out of the box as you can get)

FIRST $100.00 FIRM
****
Dale Kight NH6VR 3231 NW 50th St. #232 Oklahoma City, Ok. 73112
E-mail: dkight@gnn.com Phone 405-942-3247

Looking for:
1. Hallicrafters SX-140 Rcvr
2. Lafayette HE-30 Rcvr
****

3664. Re: Can 50W HF destroy a TV?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: cphillips@interpath.com
Message-ID: <4iq0c3$nns@news.interpath.net>
Source record: 204431

In article <charles1DoC7JA.53K@netcom.com>,
charles1@netcom.com (charles copeland) wrote:
>I live in an apartment and have a folded dipole running around the ceiling.
>My radio is a TS-820 capable of 100W.
>I've heard that running 50-100W in close proximity of TV's can
>damage them.
>Anybody have any facts/stories along these lines?

Well, I have a sad story to relate, and I'm embarrassed about it
because I'm an Extra Class ham, have been licensed since 1968 and
am an engineer (albeit mechanical, so I'm not quite as embarrassed
as if I were an EE!).

In my shack/office/computer room I had a 1984 vintage 13" Zenith
TV using rabbit ears (I'm at war with my incompetent cable company...
sorry, "incompetent" and "cable company" is redundant, but that's
another story). I have a couple of outside antennas for 2 meters, but
during thunderstorms I don't want them connected (for obvious reasons).
Yet, I try to participate in Skywarn... so I built a 2-meter J-pole, and
put it in the corner of the room. Ah, in this case, the "corner of the
room" was about 5 feet away from the TV rabbit ears.
The J-pole did a good job on most of the local repeaters, so
ultimately laziness took its toll and I left my 25 watt Icom IC-25A
connected to it almost all the time.

I noticed that when I transmitted the TV picture would "scramble",
but in a world-class case of brain-lock it didn't occur to me that it
was roasting the TV tuner. Ultimately, the reception on the VHF got
progressively worse, even though I'm literally line-of-sight from the
two primary VHF stations in this area. Investigation (confirmed by
a electronics tech friend) showed that the VHF tuner was shot.

THEN it suddenly occurred to me that the proximity of the two
antennas might have been a bad idea! So, wiser but poorer now,
I learned that 5 feet of horizontal separation is NOT enough for
a 25 watt transmitting antenna and a receiving antenna.

So, even though your application is HF, you are also considering
2x-4x the power... be careful.

========= Opinions expressed are solely those of the author ==========
Curt Phillips, CEM KD4YU (ex-WB4LHI)| "Computer users will need a
Chairman, Tar Heel Scanner/SWL Group| mouse when they grow a
ARRL Life; QCWA; Raleigh ARS; NRA | third arm." -Pres of WordStar
Energy/Recycling BBS 704-547-3114 | circa 1983
== cphillips@energy.commerce.state.nc.us == cphillips@interpath.com ==

3665. Motorola Mitrek

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: "Alan Johnson"
Message-ID: <4inje6$btl@Twain.MO.NET>
Source record: 204432

I want to us a Mitrek as a remote base on 10 meters. I have it running now as a stand alone rig and it works fine. To run it as a remote base I want use it without the control head. Does anyone have the pin out of the connector on the from of the radio. And does anyone know what has to be connected to what to activae the radio without the control head. There is an article in the March CQ that talks about using a Mitrek for Packet but the article doesn't explain all of the connections.

Thanks for any and all help.

73
Alan

K9CTF
443.35 Repeater
53.35 (-1.7) Repeater
Serving St. Louis

3666. MOD Wanted: FT-1000MP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: Bootlegger@msn.com
Message-ID: <00001fed+00003151@msn.com>
Source record: 204433

Wanted:

I'm looking for the all band TX/RX mod for the Yaesu
FT-1000MP. If anyone can help drop me a note.

73 de N9MSS Bob

3667. Re: Kenwood MC-90 microphone info needed.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: nitz@charm.net
Message-ID: <4innle$dv4@canton.charm.net>
Source record: 204434

In article <314f2e0c.2790972@news2.cts.com>, fehner@cts.com says...
>
>Does anyone have any comments on the Kenwood MC-90 microphone? I had
>planned to use one with a TS-870 but someone told me that it would not
>drive the transmitter to full output.
>
>Barbara KK6IB
>E-Mail: fehner@cts.com
>

Barbara:

I've corresponded via email with wiley@interaccess.com (bill) who used an MC-90 briefly before selling it. I understand that the output was lower than the MC-60A output, but you might email him and ask for a more thorough explanation.

I spoke with Ken Reilly of Kenwood's service department in California, and he speaks well of the MC-90 with his 870 that he uses for DX-ing.

Good luck with the answer to these questions; I've been hoping for some more information myself!

73,

[Jim Nitzberg]
nitz@charm.net

3668. Re: RS 2M Amp, Experiences?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: Russ Roslewski <roslewskirb96.cs26@usafa.af.mil>
Message-ID: <3150E9DF.2C0@usafa.af.mil>
Source record: 204435

Stephen Lui wrote:
>
> Does anyone have any experience with the RS 2M amplifier? I want to use it
> with my Icom IZ-Z1A handheld. How does it compare with the other >$100
> amps like the Mirage and Daiwa? The RS 2M amp is on sale for $99 until
> 3/30.
>
> Stephen
> KF6BTE

I have had one for almost a year now, and have no complaints with it. I have used it in the car, at home, on packet, just about everything. I have transmitted through it for up to 20 minutes continuously (running Newsline on a net), with no problems at all. The preamp makes an obvious difference, and the helical filter works well too (can't receive the local NOAA station at 162.something when it's connected).

One bad aspect I have noticed is that its over-SWR protection circuit is a little too picky for my tastes. It really likes to have as perfect an SWR as possible.

Overall, the amp has worked well for me, and I get an honest 30+ watts out of it.

Russ KI7FL

--
roslewskirb96.cs26@usafa.af.mil __|__
PP-ASEL (AOPA #01215297) KI7FL (DM79na) CAP _______(*)_______
"Pick me up so high...where eagles fly!" - Sammy Hagar o/ \o
"This content in no way reflects the opinions, standards, or policy of the United States Air Force Academy or the United States government."

3669. experience with PatComm 16000?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <4ipdiv$3kgo@info4.rus.uni-stuttgart.de>
Source record: 204436

Hello all,

I should like to know if the PatComm 16000 transceiver, as advertized
in CQ has actually been delivered and what the radio is like.

thank you
73, Moritz DL5UH

3670. Wanted: Ten-Tec Model 282 IF Filter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: "dave . n7da" <dazan@teleport.com>
Message-ID: <4inscs$3j0@nadine.teleport.com>
Source record: 204437
Cross-posted to: rec.radio.swap,rec.ham-radio.swap,rec.radio.amateur.equipment

```
Wanted:

Ten-Tec Model #282 If Filter

tnx, dave.n7da
```

3671. Info wanted on EICO 324 Signal Generator.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4inmet$14ke@news.ccit.arizona.edu>
Source record: 204438

Looking for info/schematics/manuals on an Eico 324 Signal Generator, s/n 74804. This is a 2-tube model with coverage (it claims) from 150KC to 435MC in 7 bands labled A thru E, F1 and F2. But the BAND SEL switch has only 6 positions labled A thru F. Other controls are: AF MOD/OUTPUT 0 to 100; SIGNAL SEL with POWER OFF, RF EXT MOD and INT MOD AF OUT; RF COARSE with LO, MED and HI; RF FINE labled 0 to 100. Connectors for AUDIO IN/OUT (bannana jacks) and RF OUT (old type of mic jack). Tubes are 12AU7A (clearly readable) and what looks like 12AV7 (difficult to make out).

This little box was found in a big pile of real ugly junk. But it's in very good looking shape, hardly scratched and very clean in and out. Might be fun to get it working and keep on the bench. Any information on this gadget welcomed.

Chris - N7RME
Mt. Lemmon, Arizona.
cweddle@as.arizona.edu

3672. Wanted: Ten-Tec Model #282 IF filter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: "dave . n7da" <dazan@teleport.com>
Message-ID: <4insi7$3j9@nadine.teleport.com>
Source record: 204439
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.ham-radio.swap

```
Wanted:

Ten-Tec Model #282 IF filter

tnx, dave.n7da
```

3673. FS MFJ 941D Tuner

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: "alt.radio" <102745.360@CompuServe.COM>
Message-ID: <4iniih$ba5$1@mhafc.production.compuserve.com>
Source record: 204440
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Sir for misprint. This is a 941D Versa Tuner 300W. Jeff/WB3DLG
203-748-4096.

3674. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: Guy Adams <guyadams@ix.netcom.com>
Message-ID: <315069A3.5025@ix.netcom.com>
Source record: 204441
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

We have found this type of post very insulting. It is being refered to
America On-Line so they can deal with the offender and their account.

AMERICA ON-LINE
THIS IS USENET ABUSE AND SHOULD NOT BE TOLERATED!

Horney Byte wrote:
>
> FUCKED!!!!!!!
>
> Open your ASS and I will FUCK YOU!!!!!
>
> Pervert & Dirty Mouth.......
>
> Horney Bite

3675. *** Surplus Radio & Electronic Equipment For Sale ***

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: wrs@vcnet.com
Message-ID: <4io11m$12u@news.vcnet.com>
Source record: 204442
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

For Antique Radio, Tubes, Test Equipment, Audio, Military Radio,
Broadcast Equipment, Literature, Electronic Parts, Amateur Radio,
Transformers & Chokes please visit Rich's Surplus Electronics Warehouse
at http://www.vc.net/bbd/surplus

Thanks,
Rich

3676. Re: Final Tubes 6146...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: rh3333@aol.com
Message-ID: <4io3jb$dj2@newsbf02.news.aol.com>
Source record: 204443

You can also use a 6146W-military issue....
I have any of these tubes for sale - new in the box.
Please Email me if interested-RH3333@aol.com

3677. WTB: Drake TR7A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: Gene Shablygin <Gene@JetISI.Com>
Message-ID: <NEWTNews.827310294.30175.gene@jetisi.com>
Source record: 204444
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment

Looking for Drake TR-7A in good condition. Also interested in
RV-75 digital VFO. Please e-mail to GENE@JETISI.COM

3678. HTX 242

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: duane@rci.ripco.COM
Message-ID: <m0tzHuA-000Kl7C@foley.ripco.com>
Source record: 204445

Sorry on earlier post I meant HTX-242, not 212. What features will the 242
have over HTX 212, and the cost, thanks.

--
>>>> Duane Whittingham - N9SSN - Dedicated to TVRO & Radio Broadcasting! <<<<

duane@ripco.com (MHGC -- Damian Smith)

>>>> Tom & Darryl TVRO Show Now on E2/18 5.8 Audio Thursdays at 9pm ET! <<<<

3679. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: Henry Wysmulek <xhp195@freenet.mb.ca>
Message-ID: <Pine.SOL.3.91.960320032137.25122A-100000@winnie.freenet.mb.ca>
Source record: 204446
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

if you quit having sex with your electronic components, i
think you will find they will work better and last a lot longer.

H. WYSMULEK
xhp195@freenet.mb.ca
BLUE SKY FREENET

3680. Kenwood TS-520S Scematic Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: pburke@stf1.css.edu
Message-ID: <4io4mm$b53@news.d.umn.edu>
Source record: 204447

Hi...
I am looking for the scematic for the TS-520S. There is a TX problem
in mine and I have not reference to go by. Any help would be appreciated.
You can e-mail me and we can work out reembursment for printing and mail.
Thanks and 73!
Patrick/KB0BRO

3681. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: Jon Mossman <jon.mossman@umist.ac.uk>
Message-ID: <31506B0C.3688@umist.ac.uk>
Source record: 204448
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

Roland Burgan wrote:
>
> If this fellows kitmaking skills are of the same caliber as
> his language, I can see why his kits don't function properly.

His spelling/typing could do with some improvement too!

Jon G7JKK

3682. FS: FT-900/AT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: al@sedona.net
Message-ID: <al.8.314FB8A9@sedona.net>
Source record: 204449

For Sale:

FT-900/AT Transceiver with antenna tuner, S/N 4I030117
TCXO-3 Temperature Compensated Crystal Oscillator
YSK-900 Remote Mounting Kit
SP-7 Mobile Speaker
Perth Outbacker Mobile Antenna
Perth OB-SB Heavy Duty Spring/Base

All in excellent cosmetic and working condition with manuals and original cartons.

$1,245 (includes shipment via insured UPS surface)

Al Hugueny, N6YY
4115 Pueblo Road
Cottonwood, AZ 86326

Home telephone: 520-646-0284
Office telephone: 520-634-7828 (Marketing Manager, Kachina Communications)
e-mail: al@sedona.net

3683. Re: GrandFather left 2 Garages full of Stuff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: "C. Wheeler" <cwheeler@ccnet.com>
Message-ID: <4io4v1$oh3@ccnet2.ccnet.com>
Source record: 204450
Cross-posted to:
rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.swap

bigjon1@ix.netcom.com(Jon Shay) wrote:
>In <314b26a9.10630201@news.efn.org> dhughes@efn.org (Dick Hughes)
>writes:
>>
>>moore@isd.upmc.edu (James Moore) wrote:

>>> If interested call 1 800 996-2971

>>I noticed this same post in rec.motorcycles. Must have a lot of
>>stuff! I think he is playing with us.
>
>I think the CLUE here is 1-800......"Sure I'm gonna pay for a 1-800
>service so I can sell my grandfathers junk"....To heck with a YARD SALE
>that would'nt cost a dime!

From calling the number myself (since I heard it was O.O.S.) and listening
to the OOS announcement, it sounds like a paging terminal. Probably a
personal 800 number from Skytel or other carrier. Perhaps the poster
discovered it was not a wise move to publish his pager number here after
he got flooded with calls (like the one I just made) and changed it.

3684. Re: Ham Stores in NYC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: clay@panix.com
Message-ID: <4iovqs$2cg@panix.com>
Source record: 204451

In <8BD01AB.002700342E.uuout@hobbs.com> roland.stiner@hobbs.com (ROLAND STINER) writes:

>To: midgard@nycmetro.com
>Subject: Re: Ham Stores in NYC

>M>Thanx for the tip. Would you happen to know of an upcoming testing session?
> >I'm currently studying the Gordon West No Code Tech book and will be in need
> >a test site soon to become licenced. Thanx

>No, but you can get the information for a SASE from the ARRL in
>Newington, CT. They'll be glad to help.

Also try: Amateur Radio Reference
http://www.panix.com/clay/ham/

It includes a section on testing and exams in NYC.

--
Clay Irving, N2VKG :
clay@panix.com : Some mornings it just doesn't seem worth it
http://www.panix.com/clay : to gnaw through the leather straps...

3685. Re: BOATANCHOR NEWSGROUP?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: flanagan@genie.com
Message-ID: <4ip6am$2bl@rock101.genie.net>
Source record: 204452

bill.sorsby@dlep1.itg.ti.com (Bill Sorsby) writes:
>There is the Boat Anchors e-mail list. It is subscription only at a cost of
>$12 per year. Newcomers can get a free trial subscription for three weeks.

I realize $12 isn't very much money, but this is the first I have heard
of a hobby/non-commercial mailing list requiring a paid subscription. Is
this new or have I just missed this evolution?
--
Dick Flanagan, W6OLD - (flanagan@genie.com) - Minden, NV

3686. Re: Please identify this Halicrafter.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: mwhite@mitre.org
Message-ID: <mwhite-2003960908270001@m14494-mac.mitre.org>
Source record: 204453
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Edward Soniat du Fossat Jr wrote:

> What is this radio, how old is it and should I repair or replace.
>
> It is a Halicrafter.
> It has a large half moon dial labeled Tuning (with the h symbol in the middle)
> It has a smaller half moon dial labeled Band Spread to the right of Tuning.

> Rating on a scale of 0 is run over by a truck and 10 is new this could
> be a 3, in other words it ain't pretty.

Sounds like a Hallicrafters S-38. If you want to restore it as a classic radio, fine. In pristine condition, a radio like that might be worth $80 - $100. But if you want to actaully use it, get a new radio. Any modern radio, even a very inexpensive one, will outperform it even you restore it to like-new working condition. You'll spend more in parts and frustration trying to get a wrecked old H'crafter working than you'll spend on a new radio. Best of luck.

Mike, N4PDY

--
mwhite@mitre.org

My opinions are my own, not my employer's.

3687. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: Ray Osborne <rayo@mtunp.att.com>
Message-ID: <DoL151.LnD@lziss3.lincroftnj.ncr.com>
Source record: 204454
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

>==========Stephen Farlow, 3/20/96========== wrote

>You might get a more favorable response if you would eliminate the obscene,
>offensive language!

Well said.

Ray Osborne
rayo@mtunp.att.com

3688. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: frozzboz@zork.demon.co.uk
Message-ID: <31507c6b.7821493@news.demon.co.uk>
Source record: 204455
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

cRiTTa66 <critta66@shadow.net> wrote:

>ok, heres the story,
>A friend and i built the "FM-25" yesterday. We turned it on and
>nothing.. So we looked at the troubleshooting guide, "check all the
>CAPACITORS for correct POLARITY" so well what do you know i INTERCOURSED up
>on C4. So i re did c4 which is a 10uF echo. tried it again, it worked!
>After a little while of use (1 hour) is just STOPPED. no nothing, just
>static. I was PRETTY MAD. So i took a lot at the PCB, it looked fine, no
>bridges or anything. My friend LOOKED at it and held it in her hand.. It
>SUDDENLY worked again. After this i set it up again to play some music
>from my walkman while LISTENING from my STEREO system in my room. after
>the fm-25 STOPPED working again is was OBVIOUS something is really INTERCOURSED
>up with it.. but it was GETTING late and she had to go home. So today i
>was RE SOLDERING all the parts to see if i could fix the problem...
>It works again. Ok this is good, then it INTERCOURSED up again! Dam i was
>pissed. so i started touching the underside of the PCB, where all the
>SOLDERING connections are. it still WAS NOT working. Even though the
>light for "FREQUENCY LOCK" was on the TRANSMITTER wan't working. before
>the led would just be off.
>
>i also have this problem GETTING STEREO on the fm-25 before the unit
>COMPLETELY broke. any ideas?
>
>Well I AM having trouble , should i send it in to be repaired for $36?
>Or just send in the BA1404 and the program IC's to see if there INTERCOURSED
>up? i DO NOT KNOW. well if you have any suggestions please e-mail me at
>critta66@shadow.net.
>
>THANKS in advance
>
>PS i can be reached on IRC (undernet) on #god or #troy

3689. Re: Ham Stores in NYC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: midgard@nycmetro.com
Message-ID: <717.6653T62T2706@nycmetro.com>
Source record: 204456

>To: midgard@nycmetro.com
>Subject: Re: Ham Stores in NYC

>M>Thanx for the tip. Would you happen to know of an upcoming testing session?
> >I'm currently studying the Gordon West No Code Tech book and will be in
> >need a test site soon to become licenced. Thanx

>No, but you can get the information for a SASE from the ARRL in
>Newington, CT. They'll be glad to help.

Thanx for the info.

<tsb>
Midgard Graphics
3D Animation and Special FX for the hobbyist videographer
Email: midgard@nycmetro.com

--
Drop into #amigacafe on IRC's undernet for a chat sometime

--

<tsb>

A man of many hobby's master of none.

3690. Re: Help with Atlas 210X

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <4ip7ef$k0k@info4.rus.uni-stuttgart.de>
Source record: 204457

>Is anyone still servicing Atlas or have any parts? Would
>appreciate any info. Tnx.

Hello Dave,

The manufacturer is still around, but his adress has changed.
Try to fine one or the recent adverts for the Atlas 400, I think in CQ.

73, Moritz DL5UH

3691. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: pst@access.digex.net
Message-ID: <31509592.3708380@news>
Source record: 204458
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

cRiTTa66 <critta66@shadow.net> wrote:

>ok, heres the story,
>A friend and i built the "FM-25" yesterday. We turned it on and
>nothing.. So we looked at the troubleshooting guide, "check all the
>capacatators for correct poplaraty" so well what do you know i fucked up
>on C4. So i re did c4 which is a 10uF ec. tried it again, it worked!
>After a little while of use (1 hour) is just stoped. no nothing, just
>static. I was prety MAD. So i took a lot at the PCB, it looked fine, no
>bridges or anything. My friend lookd at it and held it in her hand.. It
>suddnelt worked again. After this i set it up again to play some music
>from my walkman while listinging from my stero system in my room. after
>the fm-25 stoped working again is was ovious something is really fucked
>up with it.. but it was geting late and she had to go home. So today i
>was resoddering all the parts to see if i could fix the problem...
>It works again. Ok this is good, then it fucked up again! Dam i was
>pissed. so i started touching the underside of the PCB, where all the
>soddering connections are. it still wasnet working. Even though the
>light for "freqency LOCK" was on the transmiter wan't working. before
>the led would just be off.
>
>i also have this problem geting stero on the fm-25 before the unit
>completly broke. any ideas?
>
>Well im having trouble , should i send it in to be repaired for $36?
>Or just send in the BA1404 and the program IC's to see if there fucked
>up? i dono. well if you have any suggestions please e-mail me at
>critta66@shadow.net.
>
>Thanx in advance
>
>PS i can be reached on IRC (undernet) on #god or #troy
Jus' pop a cap in it's ASS!

3692. Re: radios and motorcycles

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-20 00:00:00 UTC
From: grhosler@mmm.com
Message-ID: <4ip8u8$h2j@dawn.mmm.com>
Source record: 204459

degreene@heurikon.com (David Greene) wrote:

>Hi,

>I'm thinking about buying a ham handy talkie and using
>it on my motorcycle. I know that Wingers and Harley touring types
>use CBs on there bikes and I'm wondering if a special
>type of microphone is necessary due to wind noise. I could
>go with either a headset mic/headphone combo or a earphone
>and a handheld mic, so info on use of either type would be
>appreciated.

>My bike is not a touring machine and only has a windshield,
>so there is probabaly going to be more wind noise on it.
>
>Please reply via email to daveg@heurikon.com

>Thanks,
>Dave

Not sure what you ride Dave but I have used a 2M rig on my ZX-11 a few times with good success running the same mic that worked on fully faired bikes I've owned. I simply mounted a mic cartridge in the chin piece of my full face helmet and used a PTT switch mounted to the left handlebar. If wind noise is a problem try placing a small piece of cloth over the top of the mic element. If I were going to use the HT on the ZX-11 more often I would add a switch to change the horn button between Horn and PTT duties. Good Luck!

Opinions expressed herein are my own and may not represent those of 3M.

3693. Re: Please identify this Halicrafter.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: BSDS13A@prodigy.com
Message-ID: <4iqbmq$14b2@usenetp1.news.prodigy.com>
Source record: 204211

Could be an S85 (no S meter) or a SX99 if it has a large S meter between
the dials-John WA4BMG

3694. ic2400h vs. ft2500 ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: larry@lmb-tech.com
Message-ID: <3150a508.93236835@news.netgate.net>
Source record: 204212

I'm in the market for a new 2m mobile rig. The ic2400h and ft2500 are the two units on my shopping list right now. Looking to decide which is best. My operational needs are simple, either unit meets them fine.

One major requirement is durability. The Yaesu with their mil-spec. appears to win here, but the Icom looks pretty durable as well.

Intermod rejection is important, since the radio will be used in the house with a large antenna at times.

Any comments on either of these radios would be appreciated.

Thanks, Larry
n6txx

3695. Re: Help Repeater Linking!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: MKWS78A@prodigy.com
Message-ID: <4iq8n2$k8e@useneta1.news.prodigy.com>
Source record: 204213

Thanks Will, Especially about the telephone link, Now that I understand
that theory,that is a expensive deal.
Thanks Again,

Bill

3696. Re: MOD Wanted: FT-1000MP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: Richard Long Island NY <ru@i-2000.com>
Message-ID: <31514A02.4A9D@i-2000.com>
Source record: 204214

Robert Young wrote:
> I'm looking for the all band TX/RX mod for the Yaesu
> FT-1000MP. If anyone can help drop me a note.

Just curious..why would you want to xmit out of band?
that radio already has full receive coverage.
Rich..k2koq

3697. WTB: AEA Russian Key

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: white_hae@ccsua.ctstateu.edu
Message-ID: <1996Mar20.201013.1@ccsua.ctstateu.edu>
Source record: 204215

```
WTB: The AEA Russian key, as seen in older AEA catalogs.
Offers to white_hae@ccsu.ctstateu.edu
73
Harry
N1QVE
```

3698. Question-6meter Motorola

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: cn1135@abaco.coastalnet.com
Message-ID: <4is0qp$82u@treasure.coastalnet.com>
Source record: 204216

I am interested in using a low-band radius m208 for 6-meter. The highest freq is 50mhz. Will it retune up to 54 mhz without major modification? I know about the shift+frequency trick in the programming.

3699. RS 2M Amp, Experiences?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: lui@netcom.com
Message-ID: <lui-1903961724120001@192.0.2.1>
Source record: 204217

Does anyone have any experience with the RS 2M amplifier? I want to use it with my Icom IZ-Z1A handheld. How does it compare with the other >$100 amps like the Mirage and Daiwa? The RS 2M amp is on sale for $99 until 3/30.

Stephen
KF6BTE

3700. Re: WHOLESALE ELECTRONIC PRODUCTS from China

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4ir7dv$d0q@crash.microserve.net>
Source record: 204218

cphillips@interpath.com (Curt Phillips) wrote:

> Imagine if they go democratic/free enterprise.
>Japan times 1.2 or so BILLION people. But they WILL be a big
>market :-).

The sooner they do, the better for us. The problem is, you can't have free trade between a free society and one ruled by totalitarianism. In the latter, people are forced to exist at a much lower standard of living than they would rise to of their own accord. That means they work under conditions that are unthinkable in the free society.

Once these two types of societies start trading, the free society either loses all jobs to the Communist state, or must voluntarily reduces its own standard of living in order to retain the jobs. In either event, the end result is the same.

We cannot afford to trade with any country that does not observe the same individual rights that we require within our own system. To do otherwise is economic suicide.

73,
Jack WB3U

3701. Re: Adding PL tones to old rig?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: jillngus@slip.net
Message-ID: <4iqiak$afk@slip.net>
Source record: 204219

boardman@cobra.unm.edu (Bob Boardman) wrote:

> This weekend I adopted an old Icom IC-211 2 meter all mode that needed a
> new home (The original owner having bought one of those fancy new Kenwood
> 144/220/440 tribanders). It seems to be a very solid older reg, with
> very good intermod rejection, but it would be nice to also be able to
> use it on a few of the local repeaters that require tones. Is there
> any easy and/or relatively inexpensive way to add PL tones to this
> rig?

> -Bob KC5SFW

>=-=
>| Bob Boardman, UNM Cancer Research & Treatment Center, Albuquerque, NM |
>| internet: boardman@cobra.unm.edu |
>=-=

I have a 211 and to solve the problem I added a Communication
Specialist TE-32 encoder. The front plate of the encoder has a rotary
dial with all tones listed, so no dip switches to set each time. It
works perfectly, five minutes to hook up, and I think about $50.

3702. fs TS 140s

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: victorj@fast.net
Message-ID: <4iqgst$j1o@nn.fast.net>
Source record: 204220

FS TS140s mint. Used as back up . very little air time. have manual mic cables and box.
will pay shipping 700 or best offer.
email me at victorj@fast.net

3703. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: mitch@primenet.com
Message-ID: <3151e300.15725627@news.primenet.com>
Source record: 204221
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

cRiTTa66 <critta66@shadow.net> wrote:

>ok, heres the story,
>A friend and i built the "FM-25" yesterday. We turned it on and
>nothing.. So we looked at the troubleshooting guide, "check all the
>capacatators for correct poplaraty" so well what do you know i fucked up
>on C4. So i re did c4 which is a 10uF ec. tried it again, it worked!
>After a little while of use (1 hour) is just stoped. no nothing, just
>static. I was prety MAD. So i took a lot at the PCB, it looked fine, no
>bridges or anything. My friend lookd at it and held it in her hand.. It
>suddnelt worked again. After this i set it up again to play some music
>from my walkman while listinging from my stero system in my room. after
>the fm-25 stoped working again is was ovious something is really fucked
>up with it.. but it was geting late and she had to go home. So today i
>was resoddering all the parts to see if i could fix the problem...
>It works again. Ok this is good, then it fucked up again! Dam i was
>pissed. so i started touching the underside of the PCB, where all the
>soddering connections are. it still wasnet working. Even though the
>light for "freqency LOCK" was on the transmiter wan't working. before
>the led would just be off.
>
>i also have this problem geting stero on the fm-25 before the unit
>completly broke. any ideas?
>
>Well im having trouble , should i send it in to be repaired for $36?
>Or just send in the BA1404 and the program IC's to see if there fucked
>up? i dono. well if you have any suggestions please e-mail me at
>critta66@shadow.net.
>
>Thanx in advance
>
>PS i can be reached on IRC (undernet) on #god or #troy
I hope that you DO NOT use such foul language while talking on the
FM-25 if and when you get it working.
Bill

3704. Re: What do you need for a 2 meter repeater

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: Collier_Chun@ccm.hf.intel.com
Message-ID: <4irrb9$8om@ornews.intel.com>
Source record: 204222

In article <DoHGCs.BCG@twisto.eng.hou.compaq.com>, mwilson@bangate.compaq.com says...
>glass@televar.COM (JA Glasscock) wrote:
>>Does any body know what I need for starting a repeater, equipment wise? I
>>want it to have an autopatch, and CTCSS tones to access it.
>You'll need a frequency-pair, which are pretty easy to
>get EXCEPT on the 2m band, in which case you'll have to apply to your local
>2m governing body and get on a waiting list.

Or you can set up your repeater linking two frequencies outside of the accepted repeater subbands (established to prevent conflicts between repeaters and simplex operators) on what is used by local groups for emergency communications, intentially interfere with them, then tell any simplex operators who come across it that the repeater's legal to the letter of the
law (legal, but not polite) and wonder why everyone suddenly no longer respects you--as a ham or professionally.

Grrrrrrr.....

3705. Re: Hey! Who controls IC-706?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <Don0zs.67p@iglou.com>
Source record: 204223

What about that little gadget advertised in QST for $29.95. I supposingly plugs right into the radio and goes to the pc's serial port and includes rig control software. Made by JBI 800-524-8658.

: >Is anyone out there using a computer to control the Icom IC-706? I
: know
: >the radio has a computer port, and I know there are interface adapters
: out
: >there, but is anyone using them? Has anyone heard of computer
: programs
: >for this? Is anyone out there? Does anyone care?
: >

: There are several programs available for controlling Icom radios. You
: can find them on shareware CD ROMs (e.g. QRZ), or at some of the
: popular ftp sites. Also, contest logging programs like CT and NA have
: the ability to control Icom radios. While I haven't hooked a PC up to
: my 706 yet, I have connected my AEA HamLink controller to the CI-V
: port to use it as a remote base.

: --
: Rob Peebles, WD8LXX
: Dublin, Ohio
:

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

3706. RIG INTERFACE BY JBI

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <Don153.6H1@iglou.com>
Source record: 204224

Has anyone tried the JBI interface advertised in QST for $29.95 which is supposed to provide interface between your rig and pc? Software is included too. Is the CV-1 adapter required?

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

3707. Yaesu FT-3000M MODS?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: dalevanbat@aol.com
Message-ID: <4irgqt$pr8@newsbf02.news.aol.com>
Source record: 204225

Looking for mods for FT-3000M. Any clues?

3708. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: Francis Lyn <lynf@candu.aecl.ca>
Message-ID: <4iriut$84k@shpk1.candu.aecl.ca>
Source record: 204226
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

Try a soap and water mouthwash; It worked for me when I was a kid!

3709. WANTED: Free HF Transceiver...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9603211524.AA27785@noldor>
Source record: 204227

Hey , I want something for free too, put me on the Santa's List.
I'll take a 5KW HF amplifier, FT1000, etc, you know , it's free.
Just ask, and Santa will deliver it to you. Is that how it work?
:-) Gee, I wish I would of thought of this earlier, I could
have save $$$
73
Mike
W6TRW

Date: 20 Mar 1996 08:06:24 -0500
From: dteague@csc.com (Guy Teague)
Subject: WANTED: Free HF Transceiver...

PhilRut1 (philrut1@aol.com) wrote:
^^^
: In article <4imk38$bje@tune.cs.columbia.edu>, jbaltz@news.cs.columbia.edu
: (Jerry B. Altzman) writes:

: >Now, kindly crawl back under that bridge and go back to scaring villagers
: >passing overhead.
: >
: >

: That's pretty crass from someone who's looking for something for nothing!

Geez: haven't they got that newsreader at aol fixed yet? <g>
--
Regards 73 de dteague@csc.com "They're out there" K Kesey
Guy KG5VT gteague@why.net "Hey don't eat that yellow snow" F Zappa

----

3710. Re: Dust in the FT-1000

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: rval58@aol.com
Message-ID: <4ir52o$g6v@newsbf02.news.aol.com>
Source record: 204228

chip doesn't return calls. So much for him, hmmppphh!

3711. Wanted: Kenwood TM-701

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: mfunaro@dsmnet.com
Message-ID: <4irurb$pt8@dsm6.dsmnet.com>
Source record: 204229

Hello, I am looking for a clean Kenwood TM-701 dual band radio.
Please email me or call 515-961-6140 .
73, Mike WA0SWJ

3712. IC-738 Aux Jack #1

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: Stephen Farlow <sefarlow@phoenix.net>
Message-ID: <4irhmh$i98@alterdial.UU.NET>
Source record: 204230

I have an ICOM 738 and need to wire a connector for the cable between my KAM and the AUX 1 plug on the back of my IC-738. Kantronics sent me specific wiring instructions for doing this for the IC-737. Is the pinout/wiring identical for the AUX 1 plug on both the IC-737 and the IC-738?

3713. Re: MOD Wanted: FT-1000MP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: Mark_Downing@GenevaCo.com
Message-ID: <4is0ee$inq@nikita.intelenet.net>
Source record: 204231

In article <31514A02.4A9D@i-2000.com>,
Richard Long Island NY <ru@i-2000.com> wrote:
>Robert Young wrote:
>> I'm looking for the all band TX/RX mod for the Yaesu
>> FT-1000MP. If anyone can help drop me a note.
>
>Just curious..why would you want to xmit out of band?
>that radio already has full receive coverage.
>Rich..k2koq

One great use is using a transverter to get another band.....

ie: 20 meters to 6 meters. 14.0-14.35 is not much good, but 14-18 is.

Just my two cents...

--Mark

3714. Wanted: 2m HT radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: Carlos Alexandre Gomes Lopes <carlopes@spider.usp.br>
Message-ID: <Pine.A32.3.91.960321140022.107138A-100000@spider.usp.br>
Source record: 204232

I Want to buy a 2 meter HT radio (up to US$220).
Can be used in good conditions.

If you have one of this, please contact me,

Carlos Alexandre Gomes Lopes
carlopes@spider.usp.br
carlos@americasnet.com

55-11-802-7060

3715. Re: Recurring Repeater power amp problem???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4irjt9$quh@newsbf02.news.aol.com>
Source record: 204233

>> Over the past 3 years, we have had 2 different power amps fail
>> because of what we believe to be parastitic problems.
>>
>> After an amp has been on-line for a month or two, it's output begins
>> to fail and it begins to generate very hi power spurs and other
>> broad-band components. When the amp is disassembled, we always have
>> found that the transistor tabs, solder, and any attached Z strips on
>> one of the finals has been nearly destroyed by what appears to be
>> arcing. After the initial failure, any future failures always happen
>> on the same transistor. Our repairs have even included reconstucting
>> the area with silver solder, but this only delays the failure an
>> extra week or so.

Someone's been reading too much Rich Measures stuff, hi. :-)

Oscillations usually come AFTER the board starts falling apart, not before. Lots of these little amps aren't cut out for repeater duty, the components are just too small. Output strip lines and the other components carrying high RF current deteriorate. These components all affect stability. The next thing you know the amp is smoking and arcing, totally detuned, and maybe even oscillating.

One case where the amp oscillates before the strip line and related components fail is when the load is VERY hi Q, like the cavity on the repeater. On occasion you can add enough loss between the amp and the cavity to de-Q the load. At other times you may need to add a circulator to stabilize the amp.

Solid state amps, as a general rule, do not "like" high Q loads like cavities! They don't like heat from repeater operation. Could be either problem.

BTW, you're running WAY too much power on that Mirage for repeater duty. Ham amps are just too cheap and designed wrong for CCS duty.

73 Tom

3716. Central NJ Hamfest - Sunday 3/24/96

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: "William M. Bickley KF2ON" <wbickle@ix.netcom.com>
Message-ID: <31516638.5919@ix.netcom.com>
Source record: 204234

HAMFEST! - New Jersey (Trenton) - Delaware Valley Radio Association. Sunday, March 24th - rain or shine. Vendor setup 6:30am; public 7:30am to 2:00pm. Trenton State College Student Recreation Center - Route 31 approx. 1 mile south of I-95/Route 31 exit. Admission $5.00; Tailgaters $10.00 (includes space and admission); Inside Vendors $20.00 (includes space and admission). Free parking; refreshments; handicapped accessible. Talk-in 146.67 and 442.650. For info, call DVRA hotline at (609) 882-2240.

3717. Re: MOD Wanted: FT-1000MP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <4is17b$lkd@abyss.West.Sun.COM>
Source record: 204235

In article <31514A02.4A9D@i-2000.com>,
Richard Long Island NY <ru@i-2000.com> wrote:
>Robert Young wrote:
>> I'm looking for the all band TX/RX mod for the Yaesu
>> FT-1000MP. If anyone can help drop me a note.
>
>Just curious..why would you want to xmit out of band?
>that radio already has full receive coverage.
>Rich..k2koq

I can't speak for Robert Young, but there are several reasons
why people want to modify radios for general coverage transmitting:

1. Emergency preparedness. Amateurs are allowed to use any means
necessary (i.e., frequency, power, mode, etc.) to gain help when
life of property is in danger.

2. The amateur may wish to participate in MARS and/or CAP on HF.

3. An amateur may want to use an HF radio as part of a VHF/UHF/microwave
transverter lash-up, and wideband transmit may be extremely useful for this;
the bands at VHF, UHF and microwave are larger than any HF band.

4. A person may want to operate on 11m. This isn't legal, of course.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *

3718. WANTED: Manual for Midland 70-065C

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: tom_boza@ccm.ch.intel.com
Message-ID: <4is2l2$8oj@chnews.ch.intel.com>
Source record: 204236

Wanted, user or service manual for a Midland 50 mhz fm commercial
mobile transceiver, model 70-056C.

3719. Re: Adding PL tones to old rig?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4is6r7$2oi@mksrv1.dseg.ti.com>
Source record: 204237

RE: Adding PL tones to an older rig:

I suggest you purchase a CTCSS encode board manufactured by Communications Specialists. I am using a Comm-Spec SS-32P board in my ancient Kenwood TR-7600, and I have used this same board in other rigs in the past. The board is really tiny (0.9" x 1.4" x 0.4") and runs on anything from 6 vdc to 25 vdc. It has a four-place DIP switch used to select from one of 32 standard EIA tones. You can mount it inside your rig with a double-faced sticky foam pad. The only drawbacks are (a) you can only have one tone available at a time, and (b) you have to open the rig up to change tones. AES sells this module for $28.95 plus shipping.

I don't know whether this will meet your needs or not, but it's cheap, it works, and I can personally recommend it.

Another (much more expensive) alternative is to purchase Comm-Spec's TE-64, which is an external multi-purpose tone generator that is in its own enclosure and mounts external to the rig. It is big (5.25" x 3.3" x 1.7") and must run on 12 vdc. It has a front-panel knob to select the tone. The cost of this unit is $79.95 plus shipping.

Good luck and 73 de KC5NG...

3720. Re: FS: HP431C Power Meter and HP478A Thermistor Mount

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: dallen@melpar.esys.com
Message-ID: <4irnmk$mag_001@isp.melpar.esys.com>
Source record: 204238
Cross-posted to: rec.radio.swap,rec.radio.amateur.homebrew,rec.radio.amateur.equipment

InThe Power Meter and Thermistor mount have been sold. Dale article
<4ip2hi$im0_001@isp.melpar.esys.com>,
dallen@melpar.esys.com (dale b. allen) wrote:
>Xref: newsgate.melpar.esys.com rec.radio.swap:39185
rec.radio.amateur.homebrew:11969 rec.radio.amateur.equipment:24309
>Newsgroups:
rec.radio.swap,rec.radio.amateur.homebrew,rec.radio.amateur.equipment
>Path: newsgate.melpar.esys.com!inpc12
>From: dallen@melpar.esys.com (dale b. allen)
>Subject: FS: HP431C Power Meter and HP478A Thermistor Mount
>Keywords: Power Meter, HP431,HP478,Thermistor Mount
>Sender: news@melpar.esys.com (Melpar News Administrator)
>Organization: e-systems
>Date: Wed, 20 Mar 1996 13:51:46 GMT
>X-Newsreader: News Xpress Version 1.0 Beta #3
>Message-ID: <4ip2hi$im0_001@isp.melpar.esys.com>
>Status: N
>
>I have an HP431C Power Meter and companion HP478A Thermistor Mount for Sale.
>Both are working units and I'll include the original manual for the 431C.
Will
>sell both for $125 (shipping included in CONUS). Ask Tucker if this is a good
>deal. He wants over $700.
> Dale
>
>+++
>+ Dale B. Allen (703) 849-1639 Internet: dallen@melpar.esys.com +
>+ E-Systems, Falls Church Division FAX: (703) 280-4627 +
>+++

+++
+ Dale B. Allen (703) 849-1639 Internet: dallen@melpar.esys.com +
+ E-Systems, Falls Church Division FAX: (703) 280-4627 +
+++

3721. Re: MOD Wanted: FT-1000MP HERE IT IS!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: wave@mindspring.com
Message-ID: <4isfqr$r6n@firebrick.mindspring.com>
Source record: 204239

This person is requesting a mod NOT a lesson on the rules and regulations. If he wants to do something illegal let him get in trouble.
It's not my problem what he is going to do with it, but here it is:

Turn the radio with the FAST and the LOCK key pressed at the same time.
then press the FAST and the ENT key to access the menu.
then go to menu 9-9 and set it to GEN then press ENT to get out. To get it back to normal repeat the steps and select 15 instead of GEN.

Have fun!

3722. Re: Weird Radio Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: nrj@cdx.net
Message-ID: <4iscc0$1s4@news.bellglobal.com>
Source record: 204240
Cross-posted to: alt.radio.scanner,alt.radio.pirate,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

jlundgre@delta1.deltanet.com (John Lundgren) wrote:

>Steve Work (slwork@netcom.com) penned:
>: Dennis Nuetzel (bigd@mail.atw.fullfeed.com) wrote:
>: : >There is a small, minor detail: Air transmissions were AM, last time I
>: : >checked! How does an FM receiver with poor-selectivity receive AM
>: : >transmissions???

>: : If close enough, it will. I have picked up CB radio transmissions (Also
>: : AM) on a nearby FM reciever.

In that case it was likely audio rectification in the radios

audio amp. You'll notice this on some car radios as you pass

large trucks.

>: "AM rejection" is a spec which applies to FM radios. It is worse on

>: cheaper ones.

>I'm assuming that by worse, you mean is has poorer AM rejection.

>: The circuitry used to detect FM signals can respond to changes in the

>: amplitude. Especially when the circuit is cheap, and under conditions
>: where it is overloaded.

>Actually, when the circuitry is overloaded, it should limit and prevent

>AM from getting thru. Maybe the circuitry is not overloaded enough. ;-)

First, some detectors do not depend on heavy limitng.

Second, since AM goes to zero power in the modulation

trough, no limiter will totally eliminate a fully modulated

AM signal. One the AM signal goes through the limiter, it is

now a phase modulated signal. The phase mouldated signal

will be easily detected in the FM detector.

3723. Re: GrandFather left 2 Garages full of Stuff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: tculin@teleport.com
Message-ID: <4iscdq$c1b@nadine.teleport.com>
Source record: 204241

w8jitom@aol.com (W8JI Tom) wrote:

>In article <4ii02u$rp6@news.syspac.com>, dnorris@k7no.com writes:

>>
>>The death of a loved one, particularly a member of the plant family
>>can really mess up one's mind. BUT...he sure generated a bunch of
>>bandwidth. {$->
>>
>>cdn

>It's too late. I bought it all already.

So just what was in those garages? Just for the curious at hart.

3724. Need help to design VHF fm radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: rpickeri@loyalistc.on.ca
Message-ID: <4isd1d$pe5@knot.queensu.ca>
Source record: 204242

Here is the design specks:
-freq range: 32.00 to 79.95 Mhz
-chanal spacing @ 50 khz
-at least 8 watts output
-microprocessor controled(so a number of chanels can be swithced to
quickly or changed to at pre programed time)
-preferably using an 'if' higher than the maximum frequency
(could simplify construction)
-The bottom line is lightness compactness & portability
-The basic Idea is to mimic a military anprc 77 set radio, but to do so
at considerably less weight. a 77set weighs about 30lps and it's
dimentions are about 1/2'by1&1/2'by 1'

It's bulky It's heavy and I'm sick and tired of lugging the dam thing
around

Any Ideas?

3725. Re: Can 50W HF destroy a TV?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: Bill Kirk <billk@conic.loral.com>
Message-ID: <4ishe8$om7@wdl1.wdl.loral.com>
Source record: 204243

The answer is "yes", but let me explain further. I run 500W, on 20, 15 & 10 to an antenna in the attic, about 20 feet from a TV set. When I first did this, I did damage to the front end and to the power supply on this, and my computer. I then added capacitors in the power line to detune it, and have a high pass filter on the front end of the TV and a low pass filter on the output of my transmitter (an IC-735 into an AL-811 or FL-2100B). I now have NO problems, except that the transmitter keys a remote control on a set about 25 feet from the antenna.

I have also used an antenna on the ceiling, but run only 100W to this, but with just the low pass filter on the output of my Tx, everything is OK, but I do worry about RF into my person.

3726. Re: Hey! Who controls IC-706?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: rpeebles@ix.netcom.com
Message-ID: <4isfof$jm9@dfw-ixnews6.ix.netcom.com>
Source record: 204244

In <4iqfsl$8hi@newsbf02.news.aol.com> n3usqn3usq@aol.com (N3usqn3usq) writes:
>
>Greetings!
>
>Is anyone out there using a computer to control the Icom IC-706? I
know
>the radio has a computer port, and I know there are interface adapters
out
>there, but is anyone using them? Has anyone heard of computer
programs
>for this? Is anyone out there? Does anyone care?
>

There are several programs available for controlling Icom radios. You can find them on shareware CD ROMs (e.g. QRZ), or at some of the popular ftp sites. Also, contest logging programs like CT and NA have the ability to control Icom radios. While I haven't hooked a PC up to my 706 yet, I have connected my AEA HamLink controller to the CI-V port to use it as a remote base.

--
Rob Peebles, WD8LXX
Dublin, Ohio

3727. Re: WHOLESALE ELECTRONIC PRODUCTS from China

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4is98u$4hr@newsbf02.news.aol.com>
Source record: 204245

In article <4ir7dv$d0q@crash.microserve.net>,
jackl@pinetree.microserve.com (WB3U) writes:

>We cannot afford to trade with any country that does not observe the
>same individual rights that we require within our own system. To do
>otherwise is economic suicide.
>
>73,
>Jack WB3U
>
>

Gosh, who can we trade with then? That rules out most of the world except
Canada and some European countries.

:-(

73, Tom

3728. HELP with Pinoneer radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: hneely@ac.net
Message-ID: <4is9m1$9aq@primus.ac.net>
Source record: 204246

I was in an acident that knock my Pioneer car sterio loose. It still worked though. I took in out and fixed the cage that it was installed in but when I put the radio back in it didn't work. I think I'm not hooking it up right. Would someone work with me to help me get it working?

Please reply by e-mail because I'm not following this group: hneely@ac.net

Thanks!

3729. Re: Best Rig for SWL and Ham?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: timcook@erinet.com
Message-ID: <4isngs$2s5@eri1.erinet.com>
Source record: 204247

cdorn@gpu.srv.ualberta.ca (Chris Dorn) wrote:

>Hi,
> I am a relatively new Ham, and I still spend much of my time SWL as
>well as Hamming. I am wondering from the broad array of rigs that offer
>general coverage, if there are rigs that really pay attention to the
>needs of the avid SWL. I am thinking particularly in the areas of
>selection of AM bandwidth filters, and RX audio quality. If one had to
>choose one rig to meet the needs of the SWL and Ham what would it be?
>Interested in your opinions.
>Thanks very much,
>Chris VE6RDC

The Ten Tec Paragon ahs one of the best AM filters in the current
amateur transceivers, and its standard equipment. I think the specs
are 6khz at 3db and 11 khz at 60 db

3730. Help with repair my TS-5010 from Uniden (HR2600/HR2510)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: filius@harding.et.tudelft.nl
Message-ID: <4isgtv$qem@mo6.rc.tudelft.nl>
Source record: 204248

Who can help me with my Uniden Emperor TS-5010 (like the HR2510/HR2600)

THE problem is, i have no schematic of it, so it is very hard to find the next problem:

* When I switch it on, the display is blinking, the whole thing is locked, this is because it things someone want to transmit 'at boottime'. But there isn't, there is nothing connected to it.

* It doesn't matter if i pul the PA switch.

* Pin 3 (Ptt) is only 0.17 Volt's while it should be 5V.

* I noticed pin 3 (PTT) is connected (via a resistor) to the controller (HD4074008S) pin 60. And that is the one it keeps the line down. I don't know if it in an input or an output, but if it was an input the controller chip is broken. But i don't know it, So we go on.

* Q139 measures BCE(C1815) 0V 0.17V 0V (the transistor is ok)

* The Emitter of Q139 is connected the Key input and to Q138 (via a diode and a resistor which measures 0V 0V 0V. The key input in not connected to the ground (i measure 14.5 K ohm). It look now i'm close to the solution, and it looks like pin 60 of the controller chip is an output (protection for transmittion)

* I measured the voltages on the 78XX chips and they are OK.

* Now i'm stuck, Who kan help me?

Thanks for youre time

And hopefully i can finaly repair it :)

Arjan Filius, I.A.Filius@et.tudelft.nl

3731. Re: HT Battery Suppliers - Who the Best?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: dab2@Ra.MsState.Edu
Message-ID: <4isl8l$9ra@NNTP.MsState.Edu>
Source record: 204249

I bought a battery pack for W & W associates which is rated 600mah and it seems to last just as long as the stock battery. The price for the replacement battery was MUCH less than a factory battery from any other radio supplier. I have only had the battery about a month or so, but I have not had any problems.

best wishes...
73 de KC5AAW (88's to KC5NTA)

David A. Boackle dab2@ra.MsState.edu Mississippi State University

3732. WTB: ADONIS Microphone

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: cbgazette@aol.com
Message-ID: <4irscp$t8r@newsbf02.news.aol.com>
Source record: 204250

AR-7500. (just like the Icom SM-10, but nicer looking)...But, I wouldn't pass up
a good deal on an SM-10 either!
Brian
KB5CEJ

3733. Re: WTB: AEA Russian Key

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: Bill@halcyon.com
Message-ID: <NEWTNews.827465169.24964.bill@bill.halcyon.com>
Source record: 204251

In Article<1996Mar20.201013.1@ccsua.ctstateu.edu>,
> WTB: The AEA Russian key, as seen in older AEA catalogs.
> Offers to white_hae@ccsu.ctstateu.edu
> 73
> Harry
> N1QVE
>

Hi Harry,

I have one. Still in the original box. Make me an offer.

BTW the key has a built in keyer. It is horrible but it is there.

Bill

reply to bill@halcyon.com

3734. Need TS820S Service Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: Bob Ludlum <brlpe@worldnet.att.net>
Message-ID: <31523F6F.4BC3@worldnet.att.net>
Source record: 204252

I'm Looking for a service manual (not the owners manual) for a Kenwood
TS-820S HF Transceiver. Please email if you can help.

3735. REJECTED: Ham-Equip Digest V96 #193

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Message-ID: <9603220348.AW00034@rtp41.rtp.dg.com>
Source record: 204253

----- Mail rejected by CEO. -----
No Routing Link Available Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@ucsd.edu
To: Ham-Equip@ucsd.edu
Subject: Ham-Equip Digest V96 #193
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Thu, 21 Mar 96 Volume 96 : Issue 193

Today's Topics:
706 mod needed tran. in 151mhz
Advice Wanted on How To Start
Best Rig for SWL and Ham?
Central NJ Hamfest - Sunday 3/24/96
Frequency Fight
FS: Tri-band TX
FT-530's....Why so cheap?
GrandFather left 2 Garages full of Stuff
Help Repeater Linking!
Help with Atlas 210X
IC-738 Aux Jack #1
Kenwood Mics
mod for yaesu ft-40r
MOD Wanted: FT-1000MP (2 msgs)
Need serv. man. for Knwd TR-9130.
Please identify this Halicrafter.
Q: how to clear a memory in Yaseu FT-51R?
Recurring Repeater power amp problem???
WANTED: Free HF Transceiver...
WTB: AEA Russian Key

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 17 Mar 1996 10:22:03 GMT
From: myers@West.Sun.COM (Dana Myers)
Subject: 706 mod needed tran. in 151mhz

In article <4igi86$f9t@freenet3.scri.fsu.edu>,
timothy charles phillips <drx1@freenet3.scri.fsu.edu> wrote:
>hello,I need mods to trans. in the 151 mhz. range for work.It would
>prevent me from adding another radio and ant. to my truck.

I don't know the mod for the IC-706, but keep in mind that the
IC-706 is not (and can not be) type accepted for use in the US
Part 90 Land Mobile Radio Service. Though it seems it is very popular
to use amateur transceivers in Part 90 service, it isn't legal.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *

Date: 19 Mar 1996 19:15:45 GMT
From: Jeff Childers <childers-md-nmd@anmd-usassdc.army.mil>
Subject: Advice Wanted on How To Start

I received my nivice ticket several years ago but got busy and never did anything
with it. Now I am thinking of getting my technicians license and setting up a rig.

The question is how do I go about selecting my first radio and obtaining local
assistance in setting it up? The magazines have equipment in my price range
but I don't know what features to include/exclude from my first purchase.

If you can offer advise or guidance or just tell me what you did at first and why it
would be appreciated. Thanks.

J.K. Childers

Date: Tue, 19 Mar 1996 18:34:14 -0300
From: Bill Crocker <billc@Fe3.rust.net>
Subject: Best Rig for SWL and Ham?

Chris Dorn wrote:
>
> Hi,
> I am a relatively new Ham, and I still spend much of my time SWL as
> well as Hamming. I am wondering from the broad array of rigs that offer
> general coverage, if there are rigs that really pay attention to the
> needs of the avid SWL. I am thinking particularly in the areas of
> selection of AM bandwidth filters, and RX audio quality. If one had to
> choose one rig to meet the needs of the SWL and Ham what would it be?

> Interested in your opinions.
> Thanks very much,
> Chris VE6RDC

Chris:

Check out the Kenwood TS-870S! It has DSP (Digital Signal Processing). There are no extra filters required! I bought one of these for the receiver functions alone!

Bill Crocker

Date: Thu, 21 Mar 1996 09:22:48 -0500
From: "William M. Bickley KF2ON" <wbickle@ix.netcom.com>
Subject: Central NJ Hamfest - Sunday 3/24/96

HAMFEST! - New Jersey (Trenton) - Delaware Valley Radio Association. Sunday, March 24th - rain or shine. Vendor setup 6:30am; public 7:30am to 2:00pm. Trenton State College Student Recreation Center - Route 31 approx. 1 mile south of I-95/Route 31 exit. Admission $5.00; Tailgaters $10.00 (includes space and admission); Inside Vendors $20.00 (includes space and admission). Free parking; refreshments; handicapped accessible. Talk-in 146.67 and 442.650. For info, call DVRA hotline at (609) 882-2240.

Date: Thu, 21 Mar 1996 13:59:21 -0500
From: CSLE87@email.mot.com (Karl Beckman)
Subject: Frequency Fight

In article <19960317.125602.14255.2.redbone@juno.com>, redbone@juno.COM (Douglas R Davis) wrote:

> Could someone tell me who currently owns the following frequency in Sandusky
> Ohio: 464.550
>
> Thanks,
> Doug

Nobody does, Doug. Per the FCC Rules (47CFR Part 90), the frequencies 464.500 and 464.550 are ITINERANT frequencies (and power output is limited to 35 watts) except within 35 miles of Detroit, MI. The FCC defines itinerant as" operation of a radio station at unspecified locations for varying periods of time." In plain FCC field enforcement terms, this means that it cannot operate from the same location for more than 12 months. Many, many stations hold licenses on one or both of those channels for "Nationwide" or "State of..." (Ohio) operation.
--
Karl Beckman, P.E. < If our English language is so >
Motorola Pvt Data Systems < precise, why do you drive on the >
Schaumburg, IL / Parma, OH < parkway and park on the driveway? >
(847) 576-0992 / (216) 265-2092
** Opinions expressed here do not represent the views of Motorola Inc. **

--
By sending unsolicited commercially-oriented e-mail to this address, the
sender agrees to pay a $100 fee to Motorola Inc for proofreading services.
--
Amateur radio WA8NVW NavyMARS NNN0VBH @ NOGBN.NOASI

Date: Wed, 20 Mar 1996 21:39:29 -0800
From: "E.W. Robitaille" <ewr2@apc.net>
Subject: FS: Tri-band TX

I have for sale a Drake UV3 tri-band transceiver. This unit operates
on 2m-220-440, 10 watts low and 25 hi. The unit is in exceptional
condition and comes with the following accessories:
Matching Drake external speaker
Slide-in mobile mounting bracket
Standard mobile mounting bracket
Comet tri-plexer (new in bag, never used).

Asking $400.00 for all. -Eric - N6ITD

Date: 20 Mar 1996 20:49:01 GMT
From: jdonimi@nv2.uswnvg.com (Jeremy A. Donimirski)
Subject: FT-530's....Why so cheap?

RICKCRIDER (rickcrider@aol.com) wrote:
: Hello all:
: I've noticed that the prices on the Yaesu FT-530 HT's have rocketed
: downward......
: Seen them advertised as low as $289.00, brand new. A major dealer at a
: recent hamfest was selling them as low as $259.00, brand new. What
: gives.....are they being discontinued? What is planned for their
: replacement? Heck, at these prices I'm considering buying a couple just
: to throw in the drawer as spares. Thanks.
: Cordially:
: Rick Crider
: KD4FXA
: Monroe NC

The replacement for the FT-530 I thought is the FT-51R. Yaesu is
selling both at once, for some reason. I love my FT-530, but some of
the programming of unusual things is impossible to remember for me and I
have to look it up in the manual. Other things are obvious and
convenient to program. I also have two different ICOM handhelds. They are all
good products in my opinion, but the $289 price for the FT-530 is really
spectacular for such a fine radio!!!

Jeremy WA7YGB

Date: 17 Mar 1996 23:33:28 -0500
From: w8jitom@aol.com (W8JI Tom)
Subject: GrandFather left 2 Garages full of Stuff

In article <4ii02u$rp6@news.syspac.com>, dnorris@k7no.com writes:

>
>The death of a loved one, particularly a member of the plant family
>can really mess up one's mind. BUT...he sure generated a bunch of
>bandwidth. {$->
>
>cdn

It's too late. I bought it all already.

Date: 21 Mar 1996 00:43:14 GMT
From: MKWS78A@prodigy.com (William Rahl)
Subject: Help Repeater Linking!

Thanks Will, Especially about the telephone link, Now that I understand
that theory,that is a expensive deal.
Thanks Again,

Bill

Date: 20 Mar 1996 15:15:27 GMT
From: moritz@ipers1.e-technik.uni-stuttgart.de ()
Subject: Help with Atlas 210X

>Is anyone still servicing Atlas or have any parts? Would
>appreciate any info. Tnx.

Hello Dave,

The manufacturer is still around, but his adress has changed.
Try to fine one or the recent adverts for the Atlas 400, I think in CQ.

73, Moritz DL5UH

Date: 21 Mar 1996 12:22:41 GMT
From: Stephen Farlow <sefarlow@phoenix.net>
Subject: IC-738 Aux Jack #1

I have an ICOM 738 and need to wire a connector for the cable between my KAM and the AUX 1 plug on the back of my IC-738. Kantronics sent me specific wiring instructions for doing this for the IC-737. Is the pinout/wiring identical for the AUX 1 plug on both the IC-737 and the IC-738?

Date: 20 Mar 1996 04:13:50 GMT
From: subbustr@whidbey.net (DAVE M . SCHERTZER)
Subject: Kenwood Mics

They r abt $60 fm A.R.S.
Can't seem to keep'm in stock....
I plan to get 1 next month...
Also plan on the 733A also...

de subbustr@whidbey.net VE7LFA/W7

Date: Thu, 21 Mar 1996 13:59:30 -0500
From: CSLE87@email.mot.com (Karl Beckman)
Subject: mod for yaesu ft-40r

In article <4in0c8$7a0$1@mhafc.production.compuserve.com>, yaesu FT40R
<103077.2312@CompuServe.COM> wrote:

> I recently purchased a Yaesu FT 40R 440 Mhz Ht. I've been
> told that there is a mod available to make the radio transmit
> out of band. I want to use this radio on my company's
> commercial channels. Does anyone have information about this
> mod? Thanks.
>
> --
> Peter Abraham
> KA6ZNR
> 103077,2312@compuserve.com

It is a violation of FCC Rules to use a non-type accepted transceiver on
Part 90 frequencies; this prohibition includes modified amateur units.
You are jeopardizing both your own amateur ticket and your employer's
commercial license by doing this. I would venture a guess that it could
possibly affect your employment status as well!
--
Karl Beckman, P.E. < If our English language is so >
Motorola Pvt Data Systems < precise, why do you drive on the >
Schaumburg, IL / Parma, OH < parkway and park on the driveway? >
(847) 576-0992 / (216) 265-2092
** Opinions expressed here do not represent the views of Motorola Inc. **
--
Amateur radio WA8NVW NavyMARS NNN0VBH @ NOGBN.NOASI

Date: Thu, 21 Mar 96 16:35:57 GMT
From: Mark_Downing@GenevaCo.com (Mark A. Downing)
Subject: MOD Wanted: FT-1000MP

In article <31514A02.4A9D@i-2000.com>,
Richard Long Island NY <ru@i-2000.com> wrote:
>Robert Young wrote:

>> I'm looking for the all band TX/RX mod for the Yaesu
>> FT-1000MP. If anyone can help drop me a note.
>
>Just curious..why would you want to xmit out of band?
>that radio already has full receive coverage.
>Rich..k2koq

One great use is using a transverter to get another band.....

ie: 20 meters to 6 meters. 14.0-14.35 is not much good, but 14-18 is.

Just my two cents...

--Mark

Date: 20 Mar 96 03:31:32 -0800
From: Bootlegger@msn.com (Robert Young)
Subject: MOD Wanted: FT-1000MP

Wanted:

I'm looking for the all band TX/RX mod for the Yaesu
FT-1000MP. If anyone can help drop me a note.

73 de N9MSS Bob

Date: 18 Mar 1996 04:08:44 GMT
From: Pete Dziomba <n2mci@mhv.net>
Subject: Need serv. man. for Knwd TR-9130.

I need a copy of the service manual for a Kenwood TR-9130... I'll pay for
all copying and shipping costs... Thanks, Pete n2mci@mhv.net

Date: Wed, 20 Mar 1996 13:35:39 -0800
From: Walt Novinger <waltn@hooked.net>
Subject: Please identify this Halicrafter.

> In <4ijm1r$qks@acmez.gatech.edu>, soniat@prism.gatech.edu (Edward Soniat du Fossat
Jr) writes:
> >Gentle Reader:
> >
> >What is this radio, how old is it and should I repair or replace.
> >
> >It is a Halicrafter.
> >
> >It has a large half moon dial labeled Tuning (with the h symbol in the middle)
> >It has a smaller half moon dial labeled Band Spread to the right of Tuning.
> >It has Two large equal sized knobs one either side of the dials.
> >In the lower left it has an AM/CW switch (vertical slider) and speaker/phone

> >switch also a vertical slider.
> >In the center is has a four position pointer knob for band selection.
> >Too the right of the band select is a on/volume switch.
> >On the lower right it has a standby/receive switch (vertical slider).
> >The dials are covered with some sort of clear plastic.
> >The bands are labeled from the inside out in Megacycles .55 -1.6,
> >1.7 -5, 5 -14 , and 13.5 - 30. Some regions are labeled amateur and
> >some foreign.
> >
> >It has two glass tubes, two small dark opaque material tube like
> >components in tube like sockets, and two metal encased tube like
> >components. It uses 110v AC. It was reportedly
> >functioning but that was over 15 years ago. There is not a number or
> >sticker on it that I could find. It has been painted so if there was
> >anything etched on the cabinet it would be covered. It doesn't seem to be
> >rusty but the rubber bushing that separate the chasis from the housing
> >are mostly gone.
> >This sounds like one of the many S-38 variants to me.

The real issue here, however, is the conditipon of the "rubber bushings"...these are insolatore that keep the cabinet isolated from the chassis which is HOT! This is an AC-DC set, having one side of the AC line connected DIRECTLY to the chassis. If your plug or receptacle is wired incorrectly, and you happen to touch the cabinet and a good ground at the same time, you'll probably understand what toast feels like! Forgive the shouting, but DO NOT OPERATE THIS SET WITHOUT AN ISOLATION TRANSFORMER. At the least, replace the isolation bushings with rubber or plastic to maintain the insolation. Really.

Walt
--
==========
Walt Novinger Real Radios Keep You Warm At Night!
Collector of hollowstate communications receivers and test equipment
waltn@hooked.net wnovinger@shl.com CI$: 73348,2015
http://www.hooked.net/users/waltn

Date: Tue, 19 Mar 1996 14:10:28 -0600
From: jcupples@iphase.com (Jerry Cupples)
Subject: Q: how to clear a memory in Yaseu FT-51R?

In article <sourceDoHIxy.6ny@netcom.com>, source@netcom.com (David Harmon) wrote:

> R.D. Miller <tango@teleport.com> wrote:
> >
> >When you scan channels, it scans only the programmed ones,
> >skipping unprogrammed channels. Here's the question: how
> >do you change the state of a memory channel from "programmed"
> >to "not programmed?"

>
> You have two choices. In the FT-51R manual see "Masking Memories" pg. 32
> and "Memory Skip Scanning" pg. 35.
>
> Skip Scanning: Recall the memory, press (FM), press (MR). SKIP appears
> in the display. That memory will be omitted while scanning, but is still
> active for manual use.
>
> Masking: Recall the memory, press and hold (FM) for 1/2 second until [F]
> blinks in the display, then press (MR). This makes it as good as if it
> were never programmed.
>
> What could be simpler? B-)

Erasing only that memory, clearing its contents would be simpler. It seems illogical that you can't do this. If you make a mistake, it stays there and all you can do is mask it...I'm with R.D.

You can of course clear all the data in memory. Just follow the instructions in the manual for enabling wide receive mode, then those for returning to ham band only reception. I can tell you from experience this will do it. ;-)

But I still like this little HT anyway.

73
Jerry Cupples
KC5SXA

Date: Wed, 20 Mar 1996 19:43:56 -0800
From: Cliff Soderback <Cliff-s@cris.com>
Subject: Recurring Repeater power amp problem???

John Wagner wrote:
>
> Our club has an interesting problem with our 2 meter repeater's power
> amp. I was wondering of anyone else has had this problem, or may see
> something we have overlooked.
>
> Over the past 3 years, we have had 2 different power amps fail
> because of what we believe to be parastitic problems.
>
> After an amp has been on-line for a month or two, it's output begins
> to fail and it begins to generate very hi power spurs and other
> broad-band components. When the amp is disassembled, we always have
> found that the transistor tabs, solder, and any attached Z strips on
> one of the finals has been nearly destroyed by what appears to be
> arcing. After the initial failure, any future failures always happen
> on the same transistor. Our repairs have even included reconstucting
> the area with silver solder, but this only delays the failure an

> extra week or so.
>
> What we've tried (with no success):
> ----------------------------------
> We have viewed the output of our exiter on a spectrum analyser, and
> found it to be totally clean (at least on the bench). Just in case,
> we have tried a second exciter, but got the same result.
>
> We have replaced the original TE Systems power amp with a Mirage
> (both rated for repeater service). Same problem on the new amp.
>
> Converted the system from a dual antenna/BP cavity arrangement to a
> fully duplexed single antenna system with a TX/RX Systems duplexer.
>
> Replaced the system power supply with a surplus Lambda lab grade supply.
>
> Our (current) Equipment:
> ------------------------
> -Maggiore ~3 watt repeater exciter.
> -Mirage 4 watt in, 120 watt out power amp, typically run at 70 watts output.
> -TX/RX Systems 4 cavity duplexer, 2 years old, factory tuned to our frequency.
> -Approx. 200' 7/8" 50 ohm hardline
> -Antenna Specialist 4 bay antenna SWR measured at the duplexer output
> was 1.7:1 (this antenna was replaced last week with a Cushcraft
> ARX-270 repeater antenna (new SWR od 1.4:1). It is too early to tell
> if this will solve our problem.
>
> Any input is GREATLY appreciated!
> John, N8CID WagnerJW@msn.com

John:
The bypass relays are a real problem source with these
amps. They usually switch with each transmission and sometimes stick,
this leaves no load on the amp with full power. You can lock on the
relay, but the amp will draw about 2 amps on standby due to the
biasing of the transistors for SSB operation. A simple mode can
be made to remove the bias. I have used both of these amps and have
had both fail. Both manufacturers suffer from poor quality board
soldering. These amps are not good for more than 20% duty
cycle. Ham repeators need CCS(continous commercial service) rated
equipment, as they are on for hours at a time. Be sure to use an
isolater on the output of the Amp, this will protect the amp from
intermittant antennas, also will help intermod problems.
I have used commercial quality amps with good reliabilty, but they
are not inexpensive.

Cliff, W7VVA

Date: 21 Mar 96 15:24:25 GMT
From: aust@gandalf.sp.TRw.COM (Mike Aust)
Subject: WANTED: Free HF Transceiver...

Hey , I want something for free too, put me on the Santa's List.
I'll take a 5KW HF amplifier, FT1000, etc, you know , it's free.
Just ask, and Santa will deliver it to you. Is that how it work?
:-) Gee, I wish I would of thought of this earlier, I could
have save $$$
73
Mike
W6TRW

Date: 20 Mar 1996 08:06:24 -0500
From: dteague@csc.com (Guy Teague)
Subject: WANTED: Free HF Transceiver...

PhilRut1 (philrut1@aol.com) wrote:
^^^
: In article <4imk38$bje@tune.cs.columbia.edu>, jbaltz@news.cs.columbia.edu
: (Jerry B. Altzman) writes:

: >Now, kindly crawl back under that bridge and go back to scaring villagers
: >passing overhead.
: >
: >

: That's pretty crass from someone who's looking for something for nothing!

Geez: haven't they got that newsreader at aol fixed yet? <g>
--
Regards 73 de dteague@csc.com "They're out there" K Kesey
Guy KG5VT gteague@why.net "Hey don't eat that yellow snow" F Zappa

----

Date: Thu, 21 Mar 1996 01:10:13 GMT
From: white_hae@ccsua.ctstateu.edu
Subject: WTB: AEA Russian Key

WTB: The AEA Russian key, as seen in older AEA catalogs.
Offers to white_hae@ccsu.ctstateu.edu
73
Harry
N1QVE

End of Ham-Equip Digest V96 #193
****

3736. ***800Mhz RX on the ALINCO 610*******

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: David Mclean <dmclean@dfw.net>
Message-ID: <315228BA.7B84@dfw.net>
Source record: 204254

Hello all:

After I do the mods for the alinco 610 how do I change bands to
800mhz. Thanks for the help!
--
David Mclean
From The World of Hamradio
KC5NNV is Clear!

[Dfw-Hams]
Http://www.dfw.net/~dmclean
_____----------

3737. Re: ic2400h vs. ft2500 ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: kham@halcyon.com
Message-ID: <kham-2103962310250001@blv-pm0-ip18.halcyon.com>
Source record: 204255

In article <3150a508.93236835@news.netgate.net>, larry@lmb-tech.com (Larry Brown) wrote:

> I'm in the market for a new 2m mobile rig. The ic2400h and ft2500 are
> the two units on my shopping list right now. Looking to decide which
> is best. My operational needs are simple, either unit meets them fine.
>
> One major requirement is durability. The Yaesu with their mil-spec.
> appears to win here, but the Icom looks pretty durable as well.
>
> Intermod rejection is important, since the radio will be used in the
> house with a large antenna at times.
>
> Any comments on either of these radios would be appreciated.
>
> Thanks, Larry
> n6txx

According to the QST review of a number of 2 meter rigs (in 95, I think), the FT 2500 is hands down the best for intermod rejection. I'd get one if I didn't want autodial capabilities.
73, Dave AB7FV

3738. WTB: DJ-580-

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: Linn Boyd <blinn@okstate.edu>
Message-ID: <3151AA13.E22@okstate.edu>
Source record: 204256

I am looking for a good Alinco DJ-580.

Thanks,
Linn Boyd
blinn@okstate.edu

3739. Icom 735 query

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: Thomas.Smith@228.woodybbs.com
Message-ID: <346_9603210542@woodybbs.com>
Source record: 204257

Need a touch of help on this one, as I have a chance to buy this unit...

A bit of research shows me the Icom 735 is NOT able to do any satellite work...i.e., it cannot use the CT-16 satellite converter supplied by Icom...

As I am interested in working ALL ham modes, can anyone tell me if the 735 can do ANY satellite work of any kind...appreciate this info!
* RM 1.31 2831 * ... Ham radio operators do it with higher frequency.
--
|Fidonet: Thomas Smith 1:2619/228
|Internet: Thomas.Smith@228.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.

3740. Re: Kenwood Mics

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: ej.johnson@digcir.cts.com
Message-ID: <960325100105420@digcir.cts.com>
Source record: 204258

A>Alan,

thanks, I think I'll pass on the new mic I hate those cruddy mic hangers
too!

EJ!

EJ Johnson N6OID
San Diego, Ca.
Not Tonight Baby...., I have a Modem!
---
* CMPQwk #1.42* UNREGISTERED EVALUATION COPY

3741. What is a TS-711A?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: martinbw@telalink.net
Message-ID: <martinbw-2103961941210001@nash-nb1-a19.telalink.net>
Source record: 204259

I have been looking at all mode VHF/UHF rigs lately. I have seen a couple of TS-711A rigs for sale. I know that this is 2m all mode rig but would like to know more. Power, Memories, Filters, Special features, is there a special output to drive transverters, Vintage (when did it come on the market and go off), comparable to what other rigs? What should I expect to pay for one? Your assistance in finding out more is appreciated.

73 de KQ4TV
Bruce

--
****
* Bruce W. Martin Internet: martinbw@telalink.net *
* 4558 Brooke Valley Dr. HAM Call: KQ4TV *
* Hermitage TN 37076-2650 ICBM/ALCM *
* Voice: (615) 872-7733 Address:36ï¿½10'30"N/86ï¿½35'30"W *
* FAX/MODEM: (615) 872-0045 APRS:3610.50N/08635.50W *
* URL: http://www.tbr.state.tn.us/~martinbw/home.html *
* I have a 486DX33 to play games and run some HAM programs, *
* when I want to do serious work I use a Macintosh. *
****

3742. IC-706 - Looking for likes/dislikes....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: watty <watty@mail.voicenet.com>
Message-ID: <31516384.29D3@mail.voicenet.com>
Source record: 204260

I am looking at the IC-706 as a possible mobile rig. I was wondering if anyone who has/had one would recommend it, or any weakness it has.

Thanks,

N2RDD
watty@voicenet.com

3743. Re: WHOLESALE ELECTRONIC PRODUCTS from China

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: jbeckett@servtech.com
Message-ID: <3150ab5d.4119250@news.servtech.com>
Source record: 204295

On Wed, 20 Mar 96 22:30:40 GMT, cphillips@interpath.com (Curt Phillips) wrote:

>>Quality or no, its becoming very difficult to find non-Chinese
>>products in many stores. I think the Chinese economy is going to
>>bury us.
>
> Imagine if they go democratic/free enterprise.
>Japan times 1.2 or so BILLION people. But they WILL be a big
>market :-).

That's because our government and big business are IDIOTS.
We have a 33 Billion buck trade deficit with China already.
And one of their ambassador staff threatened to nuke LA if we went to support Taiwan.

AT&T 900mhz spread spectrum phones are made in China and they can't retain memory... ! Went through 5 of the suckers.

They'll be a big market when we're dust...

73,s

KD2KU
.

3744. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: dougrand@i-2000.com
Message-ID: <4iqa60$sd9@i-2000.com>
Source record: 204296
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

This guy IS a rocket Scientist AND he's on the government payroll!!!

cRiTTa66 <critta66@shadow.net> scribed:

xxok, heres the story,
xxA friend and i built the "FM-25" yesterday. We turned it on and
xxnothing.. So we looked at the troubleshooting guide, "check all the
xxcapacatators for correct poplaraty" so well what do you know i
fucked up
xxon C4. So i re did c4 which is a 10uF ec. tried it again, it worked!

xxAfter a little while of use (1 hour) is just stoped. no nothing,
just
xxstatic. I was prety MAD. So i took a lot at the PCB, it looked fine,
no
xxbridges or anything. My friend lookd at it and held it in her hand..
It
xxsuddnelt worked again. After this i set it up again to play some
music
xxfrom my walkman while listinging from my stero system in my room.
after
xxthe fm-25 stoped working again is was ovious something is really
fucked
xxup with it.. but it was geting late and she had to go home. So today
i
xxwas resoddering all the parts to see if i could fix the problem...
xxIt works again. Ok this is good, then it fucked up again! Dam i was
xxpissed. so i started touching the underside of the PCB, where all
the
xxsoddering connections are. it still wasnet working. Even though the
xxlight for "freqency LOCK" was on the transmiter wan't working.
before
xxthe led would just be off.

xxi also have this problem geting stero on the fm-25 before the unit
xxcompletly broke. any ideas?

xxWell im having trouble , should i send it in to be repaired for $36?
xxOr just send in the BA1404 and the program IC's to see if there
fucked
xxup? i dono. well if you have any suggestions please e-mail me at
xxcritta66@shadow.net.

xxThanx in advance

xxPS i can be reached on IRC (undernet) on #god or #troy

3745. Is Chuck Harders PRN 1000 shortwave RCVR any good?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: vfiscus@mcn.net
Message-ID: <4iqban$ofa@news.mcn.net>
Source record: 204297
Cross-posted to: rec.radio.amateur.equipment,rec.radio.shortwave

He claims it's the best for the price.

3746. Re: How do you like your Yaesu FT-3000M?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: dalevanbat@aol.com
Message-ID: <4irh02$pt7@newsbf02.news.aol.com>
Source record: 204298

David,
Just got the 3000M 2 days ago. It takes some getting used to to program but after 4 cups of coffee it was easy. So far I like it. I'll have more thoughts on it in a couple weeks. It does have expanded rx. 110-180, 300-520, 800-999 however cell is blocked. ARS is nice. 70 watts high is claimed, mine is almost 90 on high, 10 low. It has 2 cooling fans on fins instead of one. From mic you can control DTMF,tuning,menu programming, backlight,sever user programmable features, power levels, VFO.
Given a couple of weeks to get used to it maybe I'll feel more comfortable and have a better idea of how well it performs.

Dale N3WUH

3747. Re: Weird Radio Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: jshaffer@mail.csrlink.net
Message-ID: <19960321.7A374D8.13F1@localhost.UUCP>
Source record: 204299
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

In article <314D9822.371D@vertex.ucls.uchicago.edu> Isaac Kohn
<ikohn@vertex.ucls.uchicago.edu> writes:
> There is a small, minor detail: Air transmissions were AM, last time I
> checked! How does an FM receiver with poor-selectivity receive AM
> transmissions???

All you need to do to decode an AM signal is rectify it. Any transistor
junction can act as a diode junction under the right circumstances. I know
someone who gets nearby CB signals on his CD player -- no RF circuits at all,
it's being picked up in the audio amp.

--
* From the disk of: | jshaffer@mail.csrlink.net | "there's a hell of
Jim Shaffer, Jr. | NOTICE: ^^^^^^^^^^^^^^^^ // | a good universe
37 Brook Street | I've changed // | next door; let's go"
Montgomery, PA 17752 | Internet providers. \\// | (e.e. cummings)

3748. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: a.broers@ptt-telecom.unisource.nl
Message-ID: <4ir0da$qd9@hdxx05.telecom.ptt.nl>
Source record: 204300
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

cRiTTa66 <critta66@shadow.net> wrote:

Let it have the pleasure :-)

Windows 95 - Plug'n'Pray

Andre Broers |Telephone : +31-50-5851955
PTT Telecom B.V. |Telefax :
I&AT TU NWD |E-Mail : a.broers@ptt-telecom.unisource.nl
Postbus 188 |DISCLAIMER: This statement is not an official
Groningen |statement from, nor does it represent
The Netherlands |an official position of, PTT Telecom B.V.

3749. Re: Weird Radio Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: jlundgre@delta1.deltanet.com
Message-ID: <4iqfhh$s02@news02.deltanet.com>
Source record: 204301
Cross-posted to: alt.radio.scanner,alt.radio.pirate,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

Isaac Kohn (ikohn@vertex.ucls.uchicago.edu) penned:
: Michael J Wooding wrote:

: > In article <4idjm1$f0c@madeline.INS.CWRU.Edu>, David Mark
: > <dg715@cleveland.Freenet.Edu> writes
: > >What's happening is your radio is probably tuned to an FM station
: > >near the upper end of the band (around 107-108mhz) and you're
: > >probably under a flight path. When a plane is nearby (there's
: > >that word again) and the pilot transmits on one of the lower
: > >airline frequencies, your radio's less than discriminating tuner
: > >picks it up.There is a small, minor detail: Air transmissions were AM, last time I
: checked! How does an FM receiver with poor-selectivity receive AM
: transmissions???

It could be due to a number of factors. I ccan think of one off-hand.
The LO is being pulled by the strong signal from the airplane. When the
LO is FMed, then it appears as audio.

Ferexample. The FM station is at 105.1. The LO is 10.7 MHz higher, at
115.8. The image is at 10.7 higher, or 126.5. That's right in the
middle of the aircraft band. The signal comes in so powerful that it
gets thru the frontend with a lot of power. When it hits the mixer, it
pulls the LO and FM's it.

The only way to answer the question definitively would be to get an
aircraft transmitter and put the radio and it in a screen room, and test
try to simulate the problem. Then some measurements might give a
solution.

--
#======P=G=P==k=e=y==a=v=a=i=l=a=b=l=e==u=p=o=n==r=e=q=u=e=s=t======#
John Lundgren - Elec Tech - Info Tech Svcs.	jlundgre@
Rancho Santiago Community College District	deltanet.com
17th St at Bristol \ Santa Ana, CA 92706	http://rsc.rancho
My opinions are my own, and not my employer's.	.cc.ca.us
Most FAQs are available through Thomas Fine's WWW FAQ archive:
http://www.cis.ohio-state.edu:80/hypertext/faq/usenet/FAQ-List.html
"You can flame your brains out -- it won't take long."
#===T=u=z=l=a==C=o=m=p=a=n=y=.=.===t=h=r=e=e='=s==L=e==C=r=o=w=d=!==#

3750. Re: Weird Radio Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: jlundgre@delta1.deltanet.com
Message-ID: <4iqfph$s02@news02.deltanet.com>
Source record: 204302
Cross-posted to: alt.radio.scanner,alt.radio.pirate,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

Steve Work (slwork@netcom.com) penned:
: Dennis Nuetzel (bigd@mail.atw.fullfeed.com) wrote:
: : >There is a small, minor detail: Air transmissions were AM, last time I
: : >checked! How does an FM receiver with poor-selectivity receive AM
: : >transmissions???

: : If close enough, it will. I have picked up CB radio transmissions (Also
: : AM) on a nearby FM reciever.

: "AM rejection" is a spec which applies to FM radios. It is worse on
: cheaper ones.

I'm assuming that by worse, you mean is has poorer AM rejection.

: The circuitry used to detect FM signals can respond to changes in the
: amplitude. Especially when the circuit is cheap, and under conditions
: where it is overloaded.

Actually, when the circuitry is overloaded, it should limit and prevent
AM from getting thru. Maybe the circuitry is not overloaded enough. ;-)

--
#======P=G=P==k=e=y==a=v=a=i=l=a=b=l=e==u=p=o=n==r=e=q=u=e=s=t======#
John Lundgren - Elec Tech - Info Tech Svcs.	jlundgre@
Rancho Santiago Community College District	deltanet.com
17th St at Bristol \ Santa Ana, CA 92706	http://rsc.rancho
My opinions are my own, and not my employer's.	.cc.ca.us
Most FAQs are available through Thomas Fine's WWW FAQ archive:
http://www.cis.ohio-state.edu:80/hypertext/faq/usenet/FAQ-List.html
"You can flame your brains out -- it won't take long."
#===T=u=z=l=a==C=o=m=p=a=n=y=.=.===t=h=r=e=e='=s==L=e==C=r=o=w=d=!==#

3751. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: jlundgre@delta1.deltanet.com
Message-ID: <4iqg8c$s02@news02.deltanet.com>
Source record: 204303
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

Roland Burgan (rburgan@up.net) penned:
: If this fellows kitmaking skills are of the same caliber as
: his language, I can see why his kits don't function properly.

AMEN!

--

3752. Re: Weird Radio Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: rst-engr@oro.net
Message-ID: <4is68q$h12@hg.oro.net>
Source record: 204304
Cross-posted to: alt.radio.pirate,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

Michael J Wooding <vhf-comm@g6iqm.demon.co.uk> shared the following priceless pearls of wisdom:

>In article <314D9822.371D@vertex.ucls.uchicago.edu>, Isaac Kohn
><ikohn@vertex.ucls.uchicago.edu> writes
>>checked! How does an FM receiver with poor-selectivity receive AM
>>transmissions???

>Slope detection

>Mike

Ummm...I came within a couple of milliseconds of falling into that same trap. Slope detection works for listening to FM on an AM rig; going the other way around requires imbalance in the ratio detector or discriminator -- not hard to do on a cheapie radio where the diode bridge are random diodes thrown into the board.

Jim

Jim Weir VP Engineering | You bet your sweet patootie I speak for the
RST Engineering | company. If I don't, ain't nobody gonna.
Grass Valley CA 95945 |
http://www.rst-engr.com | AR Adv WB6BHI--FCC 1/C phone--Cessna 182A N73CQ
rst-engr@oro.net | Commercial/CFI-Airplane/Glider-----A&P Mechanic

3753. WANTED--Speaker for Radio Shack DX-160

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: padawer@usit.net
Message-ID: <padawer-2103961249110001@padawer.ppp.usit.net>
Source record: 204305
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.amateur.equipment,rec.radio.amateur.misc

I'm looking for someone's old speaker for the Radio Shack Realistic DX-160. (No flames, please... It's not my primary receiver, heh.) If anyone has such a unit, please email me at padawer@usit.net

Thanks!

Randy Padawer, WA4FJF
padawer@usit.net

Randy Padawer, P.O. Box 1167, Knoxville, TN 37901-1167 U.S.of A
Internet: padawer@usit.net AOL: Ad Randy Tel.: (423) 637-7263
Department of Psychology, University of Tennessee, Knoxville, Tenn.

3754. Re: Frequency Fight

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: CSLE87@email.mot.com
Message-ID: <CSLE87-2103961359210001@145.39.1.10>
Source record: 204306

In article <19960317.125602.14255.2.redbone@juno.com>, redbone@juno.COM
(Douglas R Davis) wrote:

> Could someone tell me who currently owns the following frequency in Sandusky
> Ohio: 464.550
>
> Thanks,
> Doug

Nobody does, Doug. Per the FCC Rules (47CFR Part 90), the frequencies
464.500 and 464.550 are ITINERANT frequencies (and power output is limited
to 35 watts) except within 35 miles of Detroit, MI. The FCC defines
itinerant as" operation of a radio station at unspecified locations for
varying periods of time." In plain FCC field enforcement terms, this
means that it cannot operate from the same location for more than 12
months. Many, many stations hold licenses on one or both of those
channels for "Nationwide" or "State of..." (Ohio) operation.
--
Karl Beckman, P.E. < If our English language is so >
Motorola Pvt Data Systems < precise, why do you drive on the >
Schaumburg, IL / Parma, OH < parkway and park on the driveway? >
(847) 576-0992 / (216) 265-2092
** Opinions expressed here do not represent the views of Motorola Inc. **
--
By sending unsolicited commercially-oriented e-mail to this address, the
sender agrees to pay a $100 fee to Motorola Inc for proofreading services.
--
Amateur radio WA8NVW NavyMARS NNN0VBH @ NOGBN.NOASI

3755. Re: mod for yaesu ft-40r

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: CSLE87@email.mot.com
Message-ID: <CSLE87-2103961359310001@145.39.1.10>
Source record: 204307

In article <4in0c8$7a0$1@mhafc.production.compuserve.com>, yaesu FT40R
<103077.2312@CompuServe.COM> wrote:

> I recently purchased a Yaesu FT 40R 440 Mhz Ht. I've been
> told that there is a mod available to make the radio transmit
> out of band. I want to use this radio on my company's
> commercial channels. Does anyone have information about this
> mod? Thanks.
>
> --
> Peter Abraham
> KA6ZNR
> 103077,2312@compuserve.com

It is a violation of FCC Rules to use a non-type accepted transceiver on
Part 90 frequencies; this prohibition includes modified amateur units.
You are jeopardizing both your own amateur ticket and your employer's
commercial license by doing this. I would venture a guess that it could
possibly affect your employment status as well!
--
Karl Beckman, P.E. < If our English language is so >
Motorola Pvt Data Systems < precise, why do you drive on the >
Schaumburg, IL / Parma, OH < parkway and park on the driveway? >
(847) 576-0992 / (216) 265-2092
** Opinions expressed here do not represent the views of Motorola Inc. **
--
Amateur radio WA8NVW NavyMARS NNN0VBH @ NOGBN.NOASI

3756. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: billhar@spaceworks.com
Message-ID: <4iruql$66n@mars.spaceworks.com>
Source record: 204308
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

>so i started touching the underside of the PCB, where all the
>soddering connections are.

If you tried soldering the connections instead of soddering them they
might work.

3757. Re: HTX-202 birdie fix, HELP!, RS claims no fixes...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: frederick.mckenzie-1@kmail.ksc.nasa.gov
Message-ID: <frederick.mckenzie-1-2103961536390001@k4dii.ksc.nasa.gov>
Source record: 204309

In article <4ilkr9$kas@iac2.ltec.net>, jims@lincnet.com wrote:
> A possible solution that I can see would be to change the crystal to 3.61 MHz.
> This would move the birdie to 148.01, outside of the bandwidth of the radio.

Jim & Glenn-

You might consider getting a 3.561 MHz crystal, to move this birdie to 146.001 MHz. At least in this part of the country, that is 10 KHz away from the INPUT of the 146.61 repeater pair, where a handheld is seldom tuned.

As far as the effect on tones, I understand the TouchTone system has a one percent error tolerance. Therefore, the 3.579 MHz crystal could vary between 3.544 and 3.615 MHz. The 3.610 is 0.85 percent high, and 3.561 is 0.5 percent low.

The HTX-202 has another problem with the tone generator. It seems that the TouchTone signal is fed directly to the modulator, rather than to the input of the pre-emphasis network. Although the high and low groups start out having the correct amplitude ratio, they don't have it after they come out of the repeater receiver's de-emphasis network. Consequently, some repeaters can't decode the HTX-202 tones, unless the deviation is adjusted very carefully to match that particular repeater decoder. Therefore, it may not be the crystal's fault when your modified radio won't work with the local autopatch.

73, Fred, K4DII

3758. WTB: 100W FM Transmitter for export (or plans)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-21 00:00:00 UTC
From: wolfelaw@infinet.com
Message-ID: <4isg94$r9@news1.infinet.com>
Source record: 204310

email if you have either
--
--**********
George M. Wolfe, Esq. - at Beechwold Law Offices
****
Email: wolfelaw@infinet.com
WWW: http://www.infinet.com/~wolfelaw
Street: 4443 North High Street, Columbus, OH 43214-2603
Tel: 614.263.5297

3759. Re: Weird Radio Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: Michael J Wooding <vhf-comm@g6iqm.demon.co.uk>
Message-ID: <1q6TVGA3CyUxEw57@g6iqm.demon.co.uk>
Source record: 204111
Cross-posted to: alt.radio.scanner,alt.radio.pirate,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

In article <4iqfph$s02@news02.deltanet.com>, John Lundgren
<jlundgre@delta1.deltanet.com> writes
>
>Actually, when the circuitry is overloaded, it should limit and prevent
>AM from getting thru. Maybe the circuitry is not overloaded enough. ;-)

The FM radio I use at one of my AGA stations receives the AM
transmission directly into the audio stage - but then it is only a
matter of a few feet from the mast and its proliferation of aerials!

Mike - definitely correct this time!

Michael J Wooding vhf-comm@g6iqm.demon.co.uk - CompuServe: 100441,377
WWW: http://www.eolas.co.uk/ag/vhfcomm.htm (hambits.htm & hamclip.htm)
WWW: http://www.clearlight.com/~vhfcomm
Tel: (0)1788 890365 Fax: (0)1788 891883
KM Publications, 5 Ware Orchard, Barby, Nr.Rugby, CV23 8UF, UK
VHF Communications Magazine - Especially Covering VHF, UHF and Microwaves

3760. Re: WHOLESALE ELECTRONIC PRODUCTS from China

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: feustel@netcom.com
Message-ID: <feustelDoovG0.77A@netcom.com>
Source record: 204112

WB3U (jackl@pinetree.microserve.com) wrote:
: cphillips@interpath.com (Curt Phillips) wrote:

: > Imagine if they go democratic/free enterprise.
: >Japan times 1.2 or so BILLION people. But they WILL be a big
: >market :-).

: The sooner they do, the better for us. The problem is, you can't have
: free trade between a free society and one ruled by totalitarianism.
: In the latter, people are forced to exist at a much lower standard of
: living than they would rise to of their own accord. That means they
: work under conditions that are unthinkable in the free society.

Don't Worry. The U.S. will be a totalitarian society by the year
2000.
--
feustel@netcom.com
Dave Feustel N9MYI For PGP Public Key, finger feustel@netcom.com
Fort Wayne, IN Or else access http://www.mixi.net/~feustel/
219-483-1857

3761. Yaesu FT-3000M and 8500 Info and Quesions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: kham@halcyon.com
Message-ID: <kham-2203962207160001@blv-pm0-ip18.halcyon.com>
Source record: 204113

Hello, all. After a number of conversations with Yaesu I have
learned the following:

1. Both of these rigs are Mil Spec
2. Both incorporate the Advance track tuning, or as their techs called
it, Tuned front end.

I am left with the following questions:

RE: The 8500

1. How is intermod resistance?
2. How easy/hard is the auto dial to use?
3. Just how well does that Smart Scarch work?
4. How much and what can you control the rig from the mike (The
new,lighted one)?
5. Overall, how would you rate the rig?

RE: The 3000M

1. How is intermod resistance?
2. How easy/hard is the auto dial to use?
3. Just how well does that Smart Scarch work?
4. How much and what can you control the rig from the mike?
5. Overall, how would you rate the rig?

TNX de AB7FV, Dave

3762. Mods for the FT-51R Yaesu

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: "David H. Malin" <dollarsign@earthlink.net>
Message-ID: <31536146.22C3@earthlink.net>
Source record: 204114

Just wondering if anyone knew of all the mods for the Yaesu 51R. Or at
least point me in the right direction. Thanks

73's
Dave AA6RV
--

****
* *
* Dave H. Malin *
* 30447 N. Sunrose Pl *
* Canyon Country,Ca 91351 *
* Home 805-298-0300 *
* Work 213-485-2918 *
* ---------------------------------- *
* Communications Electrican *
* City Of Los Angeles *
* ---------------------------------- *
* TSgt 146 Aero Medical Evac Sqn *
* California Air National Guard *
* ---------------------------------- *
* Old West Lodge No. 813 F.& A.M. *
* Southern Calif Harley Riders Ass *
* AA6RV Amatuer Radio Call Sign *
* *
****

3763. WTB: newbie wants cheap&e

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: Clint.Bradford@228.woodybbs.com
Message-ID: <35d_9603222217@woodybbs.com>
Source record: 204115

To: DAVY@WINTERSHOPE.COM
Subject: WTB: newbie wants cheap&easy to use..... N

>>...Alaska...ham...30 miles away...

Ask around and see if there's a repeater/users' group in your vicinity.
If you have no luck, please give me your home town and/or Zip Code, and
I'll search a couple databases I have for you.

What band(s) is your friend on???
---
* wcECHO 4.1 ~ AR-Net: ATTENTION to Details * Mira Loma, CA * 909-681-6221
--
|Fidonet: Clint Bradford 1:2619/228
|Internet: Clint.Bradford@228.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.

3764. FS Bolometers for HP 430

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: pgerba@crl.com
Message-ID: <4j08rr$9rf@crl10.crl.com>
Source record: 204116

HP 477B and General Microwave MX-2144 mounts..$35 ea. In good working condx.
pete
pgerba@crl.com

3765. Re: HTX 212 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: Clint.Bradford@228.woodybbs.com
Message-ID: <35c_9603222217@woodybbs.com>
Source record: 204117

>>What is a HTX-212?

Radio Shack's Mobile 2M Transceiver...

True FM transmit for superior audio and excellent performance on packet
30 memory channels
Priority channel selection
One call channel
Store up to six 15-number touch-tone sequences for DTMF paging or auto-patch
Microphone, external speaker and antenna jacks
On-microphone DTMF keypad
Multifunction scanning
Dual VFOs for semi-duplex operation
Frequency step selectable
Built-in subaudible tone encoder and decoder
Output power 45 watts(high) 10 watts (low)
$349.99
Frequency range (Factory)
Transmit.....144.600-148.000 MHz
Receive.....136.000-174.000 MHz

Can be modified to transmit in the MARS/CAP band. (Directions included)

clint.bradford@atdbbs.com
---
* TLX v4.00 * The worst thing about censorship is ########
* wcECHO 4.1 ~ AR-Net: ATTENTION to Details * Mira Loma, CA * 909-681-6221
--
|Fidonet: Clint Bradford 1:2619/228
|Internet: Clint.Bradford@228.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.

3766. Re: ADMS-1 Software for FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: GW0ACH <lordjohn@celtic.co.uk>
Message-ID: <4iuvrg$b0r@florence.scotnet.co.uk>
Source record: 204118

Please excuse my total ignorance but we at this side of the pond fail
to discover software etc from your side!!
I am very interested in reading datails of the software to which you
refer. What does it do etc?
Many thanks

de LordJohn
GW0ACH

3767. Re: FT-5200 Yaesu Modification

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: Judhi Prasetyo <prasetyo@iii.net>
Message-ID: <3152671F.324D@iii.net>
Source record: 204161

>>From: "G4KFK@GB7WIR" <Mike@g4kfk.demon.co.uk>
>>Date: 1996/01/30
>>In article <1996Jan29.174245.21459@rti.rti.org> jbs@rti.org "Joe
>>Simpson" writes:

>> Just got my FT-5200 back from Yaesu repair, and receive is now
>> limited to 144-148. I used to have it opened up to get the weather
>> service freqs, but I don't remember how I did it. Anybody know what
>> the key sequence is for this mod?[deleted]
>"Please make jumper on the INTERFACE unit as following which
> jumper are freeband for the FT-5200 and it should be need
> programming frequency.
>
> On the interface unit jumper position JP5001-JP5007 as
> following:
>
> JP5001, JP5002, JP5003, JP5006 and JP5007 ..... Short
> JP5004 and JP5005 .... Open
>
> Please note: Free band frequency range are approx following.
>
> For VHF: RX 110 - 180 MHz TX 130 - 180 MHz
> For UHF: RX 330 - 480 MHz TX 425 - 465 MHz

> Programming Frequency:
> ----------------------

> Please push and keep "D/MR", "F/W" and "REV" button while
> power switch on. Now programming frequency for VHF low edge
> of RX, high edge of RX, low edge of TX and high edge of TX,
> then UHF frequency programming same as low edge of RX, high
> edge of RX ... high edge of TX"

>So now you know! :-)

>73
>Mike
>G4KFK

It's not work on my rig (5200 USA version).
Bad luck, after I entered the code then it's LOCKED !!
The POWER, BAND, and other buttons cant work anymore.
So, I even cant turn off my rig by pushing POWER button.
I have try to push RESET button, but still can't work.

I still can dial and transmit the main freq. but can't swap
between main (now UHF) and sub freq.

If somebody kbow how to solve this problem, I'll be very happy.

BTW: I only found JP4001 to 4005 inside the interface module.
They jumperred by diodes.

Thanks

- judhi

3768. HF rig advice needed!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: deshel01@homer.louisville.edu
Message-ID: <4it6vj$ebv@hermes.louisville.edu>
Source record: 204162

Hello all,

I have been cleaning my shack and I am progressing from my Icom IC-728. I want the HF rig to end the hunt at least for a while, next couple years. I operate primarily CW and I do operate some digital, packet and G-TOR. I would love to hear the more experienced hams give me some advice on the rigs running between $1000-$2200 price range. I am not going to mention the direction I have been leaning but I do like the Ten Tec Omni VI a lot.

Any advice is greatly appreciated.

73,

de David, KE4FPS

3769. Repeater Conversions of Mobile Telephones

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: Don Smith <desmith@spider.lloyd.com>
Message-ID: <4it4ie$kjs@harry.lloyd.com>
Source record: 204163

Does anyone have any information on converting VHF and UHF Mobile Telephones for use as a repeater? I have both Motorola Pulsar II and Harris Alpha 2000. If there is printed information on the conversion I would be happy to pay for copying and/or shipping. I can be reached at desmith@spider.lloyd.com Thanks Don Smith

3770. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: jgedmond@hic.net
Message-ID: <4ita70$4m4@news.hic.net>
Source record: 204164
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

In article <3151e300.15725627@news.primenet.com>, mitch@primenet.com says...
>
>cRiTTa66 <critta66@shadow.net> wrote:
>
>>A friend and i built the "FM-25" yesterday. i fucked
>>up on C4. My friend lookd at it and held it in her hand..
>>suddnelt worked again. After this i set it up again to play some
>>music from my walkman while listinging from my stero system in my room.
>>after the fm-25 stoped working again is was ovious something is really
>>fucked up with it.. Ok this is good, then it fucked up again! Dam i was
>>pissed.
>>PS i can be reached on IRC (undernet) on #god or #troy

>I hope that you DO NOT use such foul language while talking on the
>FM-25 if and when you get it working.
>Bill

DITTO, the FOUL language comment.

Perhaps some spelling, grammar, netiquette, and/or typing lessons would be in order also.

Jim

3771. sale swap

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: thomas <tgltoledo@toledolink.com>
Message-ID: <4it1ed$440@paper.toledolink.com>
Source record: 204165

```
have for sale swap

1) motorola 1327 service monitor
2) henry 2004a uhf kw amp
3) 440 mhz celwave duplexers 6 cav. mobile
4) collins 75S transmitter & phone patch

cleaning house for boating season
CQDX e-mail for details...
tgltoledo@toledolink.com
```

3772. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: walt@servelan.co.uk
Message-ID: <4itlar$3pd@tube.news.pipex.net>
Source record: 204166
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

billhar@spaceworks.com (bill harris) wrote:

>If you tried soldering the connections instead of soddering them they
>might work.

ROTFL

In my experience, most radio amateurs start off trying to "solder"
connections on PCBs, but soon end up "soddering" them!

(Bet the Yanks won't understand that one either ....) :P

73 de G3NYY

--
Walt Davidson E-mail: walt@servelan.co.uk
100523.1414@compuserve.com

3773. Advice needed: business radio app.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: dddavis@atl.mindspring.com
Message-ID: <4it5rm$1o6@firebrick.mindspring.com>
Source record: 204167

This doesn't concene HAM radio per se, but I am hoping someone can advise. I have a friend who owns a bicycle shop that rents mountain bikes for tours. She would like to be able to provide a small HT to those who request it, so that they could call back to the shop if they have problems. Can she legally get a business band license (VHF or UHF) and then purchase appropriate radios to loan to customers? I'm not sure how that sort of license works. Of course, I do understand they must be comeercial, type accepted eqpt, etc. Thanks in advance.
Don KE4KYO

3774. Kenwood TM-733 New Version

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: kd4geu@aol.com
Message-ID: <4ittut$nkf@newsbf02.news.aol.com>
Source record: 204168

Can anyone confirm if the new 733's have a built in duplexer, I know they have the backlit mike?

Thanks!

KD4GEU@AOL.COM

3775. need info on 51S1 variant

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: koteczka@magpage.com
Message-ID: <4it761$5ht@tofu.alt.net>
Source record: 204169

I've got a 51S1B (rack mount version) that was modified by LTV / Temco Aerosystems Division. It has the designation G133F, runs on 110V, but the lights run on 28V. Works ok, but the RX is not as hot as it should be. Can anyone tell me anything about this thing -- what it went into, how it differs from the normal 51S1, how to get the RX back up, what it's worth?

Jim KA3LLL

3776. FT51-R Hacking Project

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: davidm@hous.inmet.com
Message-ID: <DonA9H.BC8.0.-s@inmet.camb.inmet.com>
Source record: 204170

All:

I am planning on figuring out the protocols used by the FT51-R radio and the Windows software that you can buy for it. I want to roll my own software for use on my Amiga and Macintosh computers. The maker of the current software from Yaesu does not wish to give me the protocol info nor will they support my computers. The request asked of Yaesu also landed on deaf ears. It is to bad that a company like Yaesu will not allow owners of its products to have full access to info about their products. I've run into this before. Therefore I have decided that I will be attempting to reverse engineer this protocol and will then publish my findings. I will be offering this information to other Yaesu owners for a small fee which is yet to be determined. If you are interested please drop me a line. If you can help then let me know.
David

3777. HELP I.D. WWII USN Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: djruga@ix.netcom.com
Message-ID: <4it5tm$s0s@cloner2.ix.netcom.com>
Source record: 204171

I am trying to get any info as to resale value and positive
Identification of the following unit. Also would appreciate any info
on the former purpose and typical usage of this unid WWII Navy
transceiver that a friend has.
This is all the info I have. Any assistance is appreciated.

Unit is portable, battery driven self-contained, with snap on cover
with assembly directions for field use printed inside. Gives
directions for antenna setup.

radio listed as: Part #43005 Transmitter/receiver unit
possibly Westinghouse.

face appearance: amp gauge/ USN type CAY-2213-A
MA volts gauge/ USN type CAY-22291-A
1- 8 pin rec. socket
1-4 pin transmit socket
inputs for both cw key and mic.

I would like to know what this unit might be worth, and also where I
might get it assesed/repaired to workable condition.
I appreciate any help anyone can offer.
Reply via Email preferred.
Thanks. DR

3778. Re: ic-w21at

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: srwhite@ibm.net
Message-ID: <4it8ek$3glg@news-s01.ny.us.ibm.net>
Source record: 204172

In <4iljq9$iqu@fred.uswnvg.com>, jdonimi@nv2.uswnvg.com (Jeremy A. Donimirski) writes:
>On my W21AT, I did the button presses mentioned below and it does not
>even accept the frequency I enter (I'm entering a 460 MHz frequency).
>It behaves like it did out of the box - you press a "5" in UHF mode and
>the display instantly displays "445 " MHz. Any useful hints as to what
>I'm doing wrong? I'll be grateful...
>
>Jeremy WA7YGB
>
>ps. My serial # is 02266
>

Having owned the radio for a year, a year ago, I think I can be of assistance...
After doing the display test Light-B-#, go into the set mode, I belive that this is function-8, look for the PL function, it will be set to 1.. Turn the tuning dial until in displays 100...

PL stands for decimal PLacement... If set to 1 (as is the default) then 1 means the you will be entering 1.000 MHz increments, whereis 100 means 100.000 MHz.
This should let you directly enter any frequency 800 or whatever...
If it still isn't receiving, then it may not be capable of getting cell, but this should at least get you out of the 440 band!

Good luck!
Steve
N2RWE

3779. KaWin News

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: stan@mutadv.com
Message-ID: <4it986$c16@news-2.csn.net>
Source record: 204173
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.equipment

KAWIN NEWS

KaWin 6.36
Kantronics to distribute KaWin
KaWin FTP Site closure
KaWin News mailing list issues

Version 6.36 of KaWin, available now from the KaWin Home Page, is just a maintenance release with a few, very minor, fixes. But, due to problems with my mailer, many people missed the announcement of version 6.35, with support for the Buckmaster Hamcall CDROM.

Also, I am very pleased to announce that Kantronics will be packaging KaWin on diskette with every TNC and TNC-upgrade. This is the same shareware KaWin that is available from the KaWin Home Page and will increase the distribution of KaWin several fold.

All files that were previously available from the KaWin FTP Site have been consolidated in the KaWin Home Page. If you do not have Web access and had previously relied on FTP access to these files, send me email to that effect and we'll arrange to get them to you.

I have purged all addresses from the KaWin News mailing list that have had delivery problems. If you did NOT receive the email version of KaWin News announcing KaWin 6.36 and would like to be on the mailing list, please subscribe by email request. To add your email address to the KaWin News mailing list, send email to stan@mutadv.com with the word SUBSCRIBE in the subject line. If your email address is modified in any way by your host or gateway, please include the correct address in the body of the message. Thanks.

73, Igottago... Stan ..

KaWin News is published by Stan Huntting, KF0IA.
--
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Email: stan@mutadv.com
Fax: 303 444 2314
KaWin home page: http://www.mutadv.com/kawin/
Postal address: 4655 Pleasant Ridge Rd.,
Boulder, CO 80301-1731, USA

3780. FT5100 Mod - Extra

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: Dave Fifield <fifield@lan.nsc.com>
Message-ID: <31520CB2.21B9@lan.nsc.com>
Source record: 204174

I just performed the extended rx/tx range mod to my FT5100 last night. All went well until I went on the air again just to test if the rig still worked. I received reports of low tx audio level. I checked this out myself using my HT to listen to my signal compared to other people's signals....they were right. This was not a problem prior to the modification.

I thought about it for a while and concluded that the frequency sythesizer's VCO "gain" (radians/volt) must have been increased in some way by the modification, presumably so that it could cope with the increased frequency range - although, looking at the circuit diagrams, I fail to see how this could have happened! This could explain why, for the same amount of modulation signal, the deviation was now less.

The cure? Simple! Turn up the tx modulation level for both the UHF and VHF VCOs. There are two teeny-weeny pots for this on the underside of the mother board (open up the "top" of the rig to reveal them). They are on the RHS as you look at the front of the rig, either side of on of the larger surface mount chips (one of the audio op amps). You can't miss them. The one to the RHS of the chip controls VHF modulation level and the one on the left, the UHF level. Clockwise for more modulation.

They tweeked up fine, and I now get the normal "good" audio reports. Anyone else notice this side effect of the mod?

Also, something to think about is: If the mod increased the VCO's gain, then they will be MORE susceptible to noise on the control voltage. I couldn't hear any increase in the amount of background noise though, so maybe it's something you don't have to worry about too much.

73, Dave Fifield

| LAN Applications Manager | KE6ZBZ |
| National Semiconductor Corp | QRP-L #92 |

3781. FT530 Mod - Any new info?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: Dave Fifield <fifield@lan.nsc.com>
Message-ID: <31520F07.3DC7@lan.nsc.com>
Source record: 204175

I just bought a new FT530 (closeout bargain!) and did the "green wire" modification to it. Everything went to plan, and it now does everything that the mod is supposed to do. Yes, turning it on with the up/down MHz keys both pressed DOES toggle the extended frequency mode nicely.

The question is, for the 900MHz amateur band (supposed to be able to rx from 800 to 950 right?), the radio appears to be deaf. Does anyone know for sure that the radio now really receives this band? If the PLL wasn't locked, the display would flash, right? (It doesn't). And it cannot seem to hear really loud signals that another of my receivers can.

Looking at the circuit diagram, it's not hard to see why it may be deaf up there. There are a ton of filters prior to the receivers!

Has anyone done any "real" research into this, in the lab? I may have to! Let me know. Maybe there are some other "links" that need to be sorted out as well as the green wire? What do all these links do anyway?

73, Dave Fifield

| LAN Applications Manager | KE6ZBZ |
| National Semiconductor Corp | QRP-L #92 |

3782. Re: TenTec Triten IV for Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: wk@frc.niwa.cri.nz
Message-ID: <4itedu$618@clam.niwa.cri.nz>
Source record: 204176

>on todays rigs) version. It is not small, but is pretty darned
>light. Needs 12 volts at about 20 amps to run. Very low current
>drain on receive. No microprocessors inside, except in the
>frequency counter version.

Watch out when you run it off a car battery, the Triton is sensitive to low supply voltages, causing the 723 internal regulator to drop out resulting in FM on your Sideband signal. Mine will also splatter with fully wound up drive, back it off until the power drops off 10 percent or so. Other than that an excellent rig with full QSK, must have been very innovative in its day. Still use it with AFSK AMTOR. Sounds like a good deal at US$175.

Wilbert, Zl2BSJ

3783. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: Stephen Farlow <sefarlow@phoenix.net>
Message-ID: <4iu54f$ald@alterdial.UU.NET>
Source record: 204177
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

First, clean up your obscene, offensive language!!!

3784. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: gcom@peinet.pe.ca
Message-ID: <gcom.68.0A4BFF4F@peinet.pe.ca>
Source record: 204178
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

In article <4itlar$3pd@tube.news.pipex.net> walt@servelan.co.uk (Walt Davidson) writes:
>From: walt@servelan.co.uk (Walt Davidson)
>Subject: Re: Shit, my FM-25 is Fucked! What to do??
>Date: Fri, 22 Mar 1996 07:33:53 GMT

>billhar@spaceworks.com (bill harris) wrote:

>>If you tried soldering the connections instead of soddering them they
>>might work.

>ROTFL

>In my experience, most radio amateurs start off trying to "solder"
>connections on PCBs, but soon end up "soddering" them!

>(Bet the Yanks won't understand that one either ....) :P

>73 de G3NYY

>--
>Walt Davidson E-mail: walt@servelan.co.uk
> 100523.1414@compuserve.com

Must we keep this stuff going, as this SUBJECT looks realy bad everytime one
goes to read this news group......lets drop the SUBJECT guys it looks bad.

73 de VE1BZV

3785. Wanted: Service Manual/Schematics for Icom IC-22U

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4itpkl$c8u@news.ccit.arizona.edu>
Source record: 204179

Wanted: A Service Manual and/or shematics for a Icom IC-22u 2m mobile.

This radio serves as the 2m remote at our SAR repeater site, and has gone wacko, south, etc. At least the smoke ain't leaked out yet! Can anyone offer a copy of the service manual or schematics for this radio?

Chris - N7RME

3786. MARS Mod for ICOM 737A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: mfp@aros.net
Message-ID: <4it35c$2i9@news.aros.net>
Source record: 204180

Anyone willing to let our group know if there is EVEN a mod that exists?

RMRA
Marc KB7YJJ

3787. Re: RS 2M Amp, Experiences?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: rkm@scanproj.raster.kodak.com
Message-ID: <4iua8e$gje@elmgate.raster.Kodak.Com>
Source record: 204181

>Stephen Lui wrote:
>>
>> Does anyone have any experience with the RS 2M amplifier? I want to use it
>> with my Icom IZ-Z1A handheld. How does it compare with the other >$100
>> amps like the Mirage and Daiwa? The RS 2M amp is on sale for $99 until

I have one, and, while it works well, I'm starting to wish that I had
purchased a class A/B amp so I could use it with something other than
FM...

- Rich

3788. Re: FT51-R Hacking Project

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4iti99$dm8@news.ccit.arizona.edu>
Source record: 204182

davidm@hous.inmet.com (David Martin) writes:
>All:
> I am planning on figuring out the protocols used
>by the FT51-R radio and the Windows software that
>you can buy for it. I want to roll my own software
>for use on my Amiga and Macintosh computers. The
>maker of the current software from Yaesu does not
>wish to give me the protocol info nor will they
>support my computers. The request asked of Yaesu

Hi:

I also tried to get this info out of RT-Systems and Yaesu, or at least to get them to offer a non-Windows package for older DOS machines. Zero success. And I understand that there's some Yaesu corporate weenie that reads this group and claims the use of non-Yaesu supplied software would violate the warranty on the radio. This failed to impress me in the most complete way.

I'm presently beta testing EZCLONE, a non-Yaesu, non-RT-Systems programming package for the FT-51R. You may wish to make contact with:

Applied Computing Systems, Inc.
120 Longview Dr.
Los Alamos, NM 87544 USA
505-672-4003 M-F, 8am - 5pm.
505-672-4103
World Wide Web http://www.acsys.com
Email ezclone@acsys.com

I'm not connected with the company, just playing with their beta versions for DOS machines (8088/286/386/486). Very promising so far, with both a non-Windows menu version and a DOS command line version in the works. I understand they are/will be offering the package for other systems, but you'd have to contact them directly for proper data on that.

Chris (More & Better Toys!) - N7RME

3789. Icom IC-Z1A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: proxima@scott.net
Message-ID: <3152336a.3829662@news.scott.net>
Source record: 204183

Has anyone seen Icom's new IC-Z1A? I just received my amateur license and am looking for a good HT. The ads I've seen for this model show some very nice features.

Any ideas?

Any comments?

Thanks,

Proxima

3790. Uhh.....one more Ni-Cad question.....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: rickcrider@aol.com
Message-ID: <4itmll$lvv@newsbf02.news.aol.com>
Source record: 204184

When refitting a dead ni-cad pack.....would using 1000mA Nickel Metal Hydride batteries that I see at hamfests be better than the standard nickel cadmium types.....?

Thanks again.
Rick Crider
KD4FXA
Monroe NC
<rickcrider@aol.com>

3791. Military field/PRC radios wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: un040343@wvnvms.wvnet.edu
Message-ID: <1996Mar22.091212.17189@wvnvms>
Source record: 204185

Hello, I am looking to pick up a military field radio
PRC type. Preferably transister like the PRC 77,74,70 or 25
Email and I'll work out a trade or buy if the price is
right. Thanks,
Chris KB2HVU

please email to
condon@wvube1.be.wvu.edu
73's

3792. FOR SALE: Yeasu FT-736R W/ext. speaker & desk mic.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: anick@kron.tiac.net
Message-ID: <4iudt9$c30@sundog.tiac.net>
Source record: 204186

I have a Yeasu FT-736R With the Desk mic. and the matching external speaker.

Tone encode/decode module.
2M & 440.

In great condition with original boxes, & manuals.

Asking $1500.00
Will ship UPS in the US.

Please respone via E-Mail only.

Thanks
--
Alan Nickerson
N1KBT
anick@kron.tiac.net

3793. Ni Cad Confusion.....Help Please.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: rickcrider@aol.com
Message-ID: <4itmep$lun@newsbf02.news.aol.com>
Source record: 204187

Coudn't find a Ni Cad 'faq'.....and from all the newsgroups, this one seems the most appropriate for the question.

SCENARIO:
Three identical HT ni-cad battery packs. All same brand, and approximately the same age, all 7.2v, 700mA.

On a digital volt meter, fresh out of the charger, all three register in the 8.35 volt range, a bit higher than the 7.2 volt label indicates.

Used on the same HT, all three packs are 'assumed' dead at different voltages as follows: (Assumed dead = HT beeps, throttles down, and shuts off upon keying up.)

One battery pack: Assumed dead at 6.32 volts.
One battery pack: " " " 5.65 "
One battery pack: " " " 6.95 "

THREE QUESTIONS:
1. Why would one pack shut the HT down at 6.95 volts, when another will operate it all the way down to 5.65 volts.

2. Would it be wise....or not.... to rig up a device (bulb, circuit, etc,) to further drain the battery packs down before recharging.

3. I have both a quick charger and an overnight charger. Usually I alternate the packs between the chargers each time......is this a wise practice.

I realize the Ni-Cad subject has run the gamut time and again, but any and all help on this is truly appreciated. Thanks. 73

Cordially:
Rick Crider
KD4FXA
Monroe NC
<rickcrider@aol.com>

3794. WTB: 70' or higher 18 Sq. Ft. or greater Tower in Los Angeles

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: wega@ios.com
Message-ID: <4iu879$ni6@news.ios.com>
Source record: 204188

Want 70' or higher, 18 Sq. Ft. or greater tower in L.A. Area. Please phone Bob at 818-222-0777 or e-mail.

WE6A

3795. Help: Amp intermitant Output...Could it be the Tubes?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: wega@ios.com
Message-ID: <4iu8ve$o71@news.ios.com>
Source record: 204189

I have a Dentron Clipperton QRO that has been working excellent for years. It puts out 1500 pep but sometimes when I turn it on, it has no output. Sometimes it does work. I've checked connections, etc. but Transceiver has little output to amp when the amp refuses to have output. Have cleaned contacts on relay; could there be some problem with the tubes? Can buy new ones... and can get a deal on 572B's if I coudl buy more then 12 of them... but ... any ideas?

WE6A

3796. Problem with KENWOOD TH-28E

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: lawson_j@annecy.enet.dec.com
Message-ID: <4iubq9$vqj@usenet.pa.dec.com>
Source record: 204190

Can anybody cast any light on a problem I have with a Kenwood TH-28E 2m set.

I bought this to use here in France on 143.9875MHz, the frequency allocated to sports hang and para gliders. The symptom is that the squelch sometimes opens up even when set to minimum sensitivity. This occurs on certain specific frequencies separated by 1MHz (needless to say, 143.9875 is one of them).

What seems to be happening is that the radio is picking up the radiations from its internal clocks. If you put it inside a metal box the problem increases rather than goes away, suggesting that it is indeed the source of the emission. Another 2m set held close to it also picks up on the same frequency.

The distributer I bought it from has made it clear that I will have to sue him to get him to take it seriously. Kenwood in Paris have also indicated that they don't give a damn.

Does anyone here have any suggestions? Is it reasonable that a $500 RxTx should be unusable on certain frequencies? Is this a known problem with this model or have I got a defective one.

Anyone got any thoughts?

Thanks,
Jonty

3797. Re: Help: Amp intermitant Output...Could it be the Tubes?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: wa4ucf@pcc-uky.campus.mci.net
Message-ID: <4iuctu$8l9@news.campus.mci.net>
Source record: 204191

wega@ios.com (Robert Selman) wrote:

>I have a Dentron Clipperton QRO that has been working excellent for
>years. It puts out 1500 pep but sometimes when I turn it on, it has no
>output. Sometimes it does work. I've checked connections, etc. but
>Transceiver has little output to amp when the amp refuses to have
>output. Have cleaned contacts on relay; could there be some problem with
>the tubes? Can buy new ones... and can get a deal on 572B's if I coudl
>buy more then 12 of them... but ... any ideas?

>WE6A
i had about the same problem with my clipperton-l the two black leads
comming form the in and so-239 connector;s was laying across each
other and you couldn't see any thing wrong uitill I turned off the
lights and where they were touching they sometimes would arc and short
the input to the output bypassing the amp the insulation had just the
smallest hole in it where it had burnt and it didn't do it all the
time hope this helps you ,also listen to make sure the relay is
ingaging each time . 73,s jerry wa4ucf

3798. Re: Help: Amp intermitant Output...Could it be the Tubes?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4iugab$qv7@newsbf02.news.aol.com>
Source record: 204192

In article <4iuctu$8l9@news.campus.mci.net>, wa4ucf@pcc-uky.campus.mci.net (jerry shepherd) writes:

>
>wega@ios.com (Robert Selman) wrote:
>
>>I have a Dentron Clipperton QRO that has been working excellent for
>>years. It puts out 1500 pep but sometimes when I turn it on, it has no
>>output. Sometimes it does work. I've checked connections, etc. but
>>Transceiver has little output to amp when the amp refuses to have
>>output. Have cleaned contacts on relay; could there be some problem
with
>>the tubes? Can buy new ones... and can get a deal on 572B's if I coudl
>>buy more then 12 of them... but ... any ideas?

Could be about anything. Do you have normal idle plate current with the amp keyed and no drive? Do the tubes draw plate current when the amp is NOT keyed? Does the input SWR skyrocket when the amp quits working?

73 Tom

3799. Cable info for MFJ/KW-HT interconnect.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: vanmeter@voicenet.com
Message-ID: <4iupi7$do8@news.voicenet.com>
Source record: 204193

I need info on how to construct a cable to interconnect a Kenwood
TR-2600A HT to an MFJ-1270B TNC. If you can Help me, Email me at
vanmeter@voicenet.com
Live Life Lovingly!
Michael Van Meter

3800. Molex and 100W rigs...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: yee@mipg.upenn.edu
Message-ID: <YEE.96Mar22115831@picard.mipg.upenn.edu>
Source record: 204194

In the TenTec that I own, the 12V power is supplied by a 4 pin Molex connector. It seems as if the connector is rated by Molex to be something like 8-10 amps per circuit. My TenTec draws upto 18.5 amps. Doesn't this mean that the connector is being driven past specs? If so, are Molex connectors really that conservatively rated or does TenTec assume only intermittent 18.5amp draw?

73 de Conway Yee, N2JWQ

--
| 73 de Conway Yee, N2JWQ | DON'T
| EMAIL : yee@mipg.upenn.edu | TREAD
| TELEPHONE : | ON
| FAX : | ME!

3801. Dealer E-Mail & WebPages

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: cestro@pinsight.com
Message-ID: <4iusi7$gm9@jolt.pagesat.net>
Source record: 204195

For those looking for and wanting E-Mail addresses of dealers
and manufacturers as well as links to dealer webpages, check
the definitive listings at:

DealerEmail http://www.pinsight.com/~cestro/pcdemail.html
DealerLinks http://www.pinsight.com/~cestro/pcdlinks.html

... a combined total of over 350 and growing, continually
updated. A feature of the K6PBT Dealer Directory found on
many PacketCluster(tm) nodes as SH/DEALER.

73, Chuck
cestro@pinsight.com

3802. FS: Alinco HT 2m

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: andrew_taylor@mindlink.bc.ca
Message-ID: <4iup6r$dc@fountain.mindlink.net>
Source record: 204196

Alinco DJ-191 HT
Lots of features, less than 5mos old.
Manual/box

Also: Dry cell pack, 8V GelCell

$300cdn
Andrew

3803. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: Larry Smith <Larry@g4oxy.demon.co.uk>
Message-ID: <189909143wnr@g4oxy.demon.co.uk>
Source record: 204197

Try washing the FM25 and your mouth out with soap and water and you may
resolve both your problems
--
Larry Smith

3804. Re: WHOLESALE ELECTRONIC PRODUCTS from China

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4iuvnq$rmo@crash.microserve.net>
Source record: 204198

w8jitom@aol.com (W8JI Tom) wrote:
>jackl@pinetree.microserve.com (WB3U) writes:

>>We cannot afford to trade with any country that does not observe the
>>same individual rights that we require within our own system. To do
>>otherwise is economic suicide.

>Gosh, who can we trade with then? That rules out most of the world
>except Canada and some European countries.

That's exactly right. Most of the world doesn't give a damn about
individual rights, and it's those countries that are shutting out
American workers.

Of course, if we were willing to lower the average wage to $0.25/hour,
pass laws against collective bargaining, and beat or kill workers who
don't perform, we could be pretty competitive.

73,
Jack WB3U

3805. Seeking Power mobile antenna raise/lower mounting.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: soniat@prism.gatech.edu
Message-ID: <4iv1mq$n4a@acmey.gatech.edu>
Source record: 204199
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

I am looking for a way to be able to lower my antenna so that I can
garage my car. I need power because it is very difficult to reach the
mounting with out climbing on the seats. Since I am forced to ware
a rediculous costume consisting of an expensive wool jacket, silk tie and
coton shirt every day climbing up on the roof is not a good option.
If I could just flip a switch on the dash it would be perfect.

Can anybody recommend one and know where I can find it. I've
ordered a bunch of catalogs but I haven't seen one yet.

Thank you.
Ed
--
_| | _ Edward C. Soniat KE4TFT Internet:ed@pobox.com
_| -|_ Mass transfer: 1854 Bishop's Green Dr
| | Marietta GA 30062-6079 (770)579-3279

3806. Re: HF rig advice needed!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4iuvpb$rmo@crash.microserve.net>
Source record: 204200

deshel01@homer.louisville.edu (David E. Shelton) wrote:

>I have been cleaning my shack and I am progressing from my Icom
>IC-728. I want the HF rig to end the hunt at least for a while, next
>couple years. I operate primarily CW and I do operate some digital,
>packet and G-TOR. I would love to hear the more experienced hams give
>me some advice on the rigs running between $1000-$2200 price range. I
>am not going to mention the direction I have been leaning but I do
>like the Ten Tec Omni VI a lot.

I haven't personally used any of the late model rigs, but there's a
distinct correlation on the air between higher code speeds and the
numbers of operators using Ten Tec. Maybe you'll draw the same
conclusions from that as I did.

Incidentally, I don't own a Ten Tec, but it's not for lack of
desire. ;)

Good luck with your purchase.

73,
Jack WB3U

3807. 10m Repeater Switzerland HELP wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: Markus Buehler <mbuehler@hitline.ch>
Message-ID: <31537452.450F@hitline.ch>
Source record: 204201

Hello thank you for reading this message:
We, a small group of ham operators, will build a 10m repeater.
Both RX and TX are located up at about 2000 meters in the swiss
mountains.
A 10 watt beacon is ready to put up to the tx location. We are only
waiting for warmer weather conditions. It will operate on 29.660 mc.
What we are looking for:
Are there 10 m repeaters at such high locations in the united states
or else where ?
We are interested in what kind of antennas where used.
Also the lightning protection is a big problem.
Which kind of tx and rx constructions are the best for 10m
repeaters.
Any other tips are real welcome.
Thanks a lot.
Marc HB9CPW

3808. MT1000 lapel mics FS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: qualcomm@netzone.com
Message-ID: <qualcomm.56.00107559@netzone.com>
Source record: 204202

I have some new MT1000 lapel mics for sale $49 plus shipping.

Thanks,

Gary

3809. Re: Ni Cad Confusion.....Help Please.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: paulc@fc.hp.com
Message-ID: <4iv5if$bce@fcnews.fc.hp.com>
Source record: 204203

You'll probably get lots of answers, but there goes...

RICKCRIDER (rickcrider@aol.com) wrote:

: On a digital volt meter, fresh out of the charger, all three register in
: the 8.35 volt range, a bit higher than the 7.2 volt label indicates.

Extremely normal :-). They've just been charged.

: Used on the same HT, all three packs are 'assumed' dead at different
: voltages as follows: (Assumed dead = HT beeps, throttles down, and shuts
: off upon keying up.)

: One battery pack: Assumed dead at 6.32 volts.
: One battery pack: " " " 5.65 "
: One battery pack: " " " 6.95 "

Is this the voltage at the battery pack terminals *when you key up*?
I suspect this is just the voltage you measure after you've taken
the battery off the radio and slapped a voltmeter on it, i.e., no-load
conditions. The radio probably shuts off based on the *loaded* voltage
when you key up. Internal resistance differences in the battery packs
probably account for these apparent discrepancies.

: 2. Would it be wise....or not.... to rig up a device (bulb,
: circuit, etc,) to further drain the battery packs down before
: recharging.

Not wise. Running a nicd battery pack down to zero is bad, bad, bad.
That'll kill it quickly. An accepted safe value is 1 volt per cell --
6 volts in the case of a 7.2 volt pack.

: 3. I have both a quick charger and an overnight charger. Usually I
: alternate the packs between the chargers each time......is this a
: wise practice.

The alternation idea is probably no problem. I've read claims that slow
charging promotes larger crystal growth (not good) so *proper* quick
charging can be better. I have no direct knowledge on this. It is
important to have a smart quick charger that detects when the battery is
full by the negative delta-V method or equivalent. Timed quick chargers
are bad. With good quick chargers, charging a partially depleted
battery shouldn't be any problem, and is much better than artificially
draining the battery to recharge it (probably a holdover idea from the
old timed quick charger days).

There are 3 main things you can do to ruin a nicd pack: 1) drain it
down to zero volts, 2) severely overcharge it, e.g., leave it on a slow

charger all of the time (nicd packs are designed to take some overcharging, though), and 3) leave it in a hot car for a long time.

-Paul C. KG0CZ

3810. "Up-down converters"

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: 430-wc@engin.umich.edu
Message-ID: <4ivc3k$7vv@srvr1.engin.umich.edu>
Source record: 204204

Hello..

Can anyone out there recommend a company that sells up-down frequency converters? Specifically, we need to operate on the unlicensed 902-928MHz band using 144/430MHz amateur radio transceivers. The reason is that not everyone in my project group will be getting an amateur radio license before the project deadline.

Also, can anyone recommend a company that sells Yagis for the 902-928 MHz range?

Please send any suggestions to junid@engin.umich.edu or 430-wc@engin.umich.edu

Thanks for any information!

Adam

3811. WTB: TU-6 tone board for Kenwood TH-21/31/41 series

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4iv20q$b0o@mksrv1.dseg.ti.com>
Source record: 204205
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

I'd like to buy a TU-6 tone board to install in my
ancient TH-21AT handheld. I would also consider
buying a TH-21BT basket case for parts, and adding
the necessary tones that way.

In addition, I need the manual for a BC-6 charger.

Thanks and 73 de KC5NG, Dean Hemphill

3812. What HF rig should a newbie buy ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: jmtallon@mtu.edu
Message-ID: <4iupai$fir@maxwell9.ee>
Source record: 204206

Well, I've aquired my tech-plus license, and now I'm pinching my pennies to get a hf rig, & a 2m ht. I've got all the catalogs, but sorting out the features & jumping back and forth between descriptions and price lists makes it nearly impossible to compare models -- which brings me to my question - what hf rig (new or used) will get the job done, cheaply. Actually, I'd prefer to buy a used rig - it seems like new ones start over $1200, which is waaaaay too much for my budget. Any advice would be GREATLY appreaciated. Also, which 2m ht is the best for a newcomer ?

I know the questions are vague, hopefully you can see where I'm getting at with all of this though. Again, thanks in advance.

--
"Aerodynamics are for people who can't build engines"
-Enzo Ferrari-

Jonathan M. Tallon jmtallon@mtu.edu M.T.U.
KC8CVN - Amateur radio

3813. unsubscribe

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: phil@bugsley.DEmon.co.UK
Message-ID: <sN2XkLAGIlUxEwI2@bugsley.demon.co.uk>
Source record: 204207

```
unsubscribe bugsley@bugsley.demon.co.uk
--
Philip N Butterfield
```

3814. Re: Problem with KENWOOD TH-28E

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: paulc@fc.hp.com
Message-ID: <4iv69c$bce@fcnews.fc.hp.com>
Source record: 204208

I apologize in advance for engaging in Kenwood bashing and I don't
mean to be a smart you-know-what...

Jonty Lawson (lawson_j@annecy.enet.dec.com) wrote:

: Does anyone here have any suggestions? Is it reasonable that a $500
: RxTx should be unusable on certain frequencies?...

Only if it's a Kenwood...

: Is this a known problem with this model or have I got a defective one.

I believe the TH28, based on the experiences of 2 friends, is
particularly susceptible to spurious interference (aka "intermod").
Most small HT's are to some degree. Of course, this sounds different
than "intermod"; I haven't heard of birdie problems with this radio. My
only suggestion is the obvious one -- sell it to someone who won't have
a problem with it and buy something else. The Yaesu FT-11r seems pretty
good based on my experiences and is small. Of course, you now know what
to check for...

Good luck with it!

-Paul C. KG0CZ

3815. Re: Kenwood TM-733 New Version

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: cliffor1@ix.netcom.com
Message-ID: <4iv7ik$bcd@reader2.ix.netcom.com>
Source record: 204209

The TM-733A has been packaged with the new MC-53DM backlit microphone.
Kenwood has a special promotion (limited quantities) packaging the
radio with a external duplexer.

The TM-733A does not have a built in duplexer.

In <4ittut$nkf@newsbf02.news.aol.com> kd4geu@aol.com (KD4GEU) writes:
>
>Can anyone confirm if the new 733's have a built in duplexer, I know
they
>have the backlit mike?
>
>Thanks!
>
>KD4GEU@AOL.COM

3816. Re: WANTED: Free HF Transceiver...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-22 00:00:00 UTC
From: gsparks@ix.netcom.com
Message-ID: <4iv9pv$c8p@reader2.ix.netcom.com>
Source record: 204210

Actually I have ham rigs loaned out all over the place. No I don't have much money, but I do like to tinker and help people.

I know of at least 4 HW-101's loaned out, an HTX-100, and one of the Heath monobanders for 40m.

I paid between 20 -50 for the gear, and fixed most of it myself as a hobby, I don't use the gear at home, I do only mobile, so I loan it to someone who needs it, and has a decent attitude about it.

Right now I don't have any gear I would loan but am looking for another 101 or possibly HW-16 for a kid I heard on the repeater in Dallas. He passed his code license, and wanted to get on HF but no money. I think he is about 14, and has scrounged construction sites to find copper tubing to build 2m J poles for new hams who couldn't afford to buy or didn't know how to build, I applaud him for his charity and desire to help, unlike so many Hams these days that have closets full of equipment but wouldn't dare allow someone to look at it, let alone borrow it. You know he who dies with the most toys win syndrome, I like the t-shirt I saw the other day, he who dies with the most toys is still dead.

Yes, charity is still alive, and I am amazed how rude some of the people are on this group. I recommend to the poster to join a club, and possibly get some gear loaned to him from a club member or the club itself.

Most of my gear is loaned out local through the clubs, one (the HTX-100) is like the kid in dallas I just heard while traveling and would like to help.

I have loaned one out over the Internet, but a little different, it needed some help, and the recipient had time but no cash.

Some of the radios come back, some don't, but that is there problem not mine.

Please don't bother me with requests, as I said, I don't have any gear right now.

Give the guy a break, he started his message with Hey, it doesn't hurt to ask, normally true, but with a bunch like you who have replied, maybe it does hurt some, expecially the remark if you can afford a baby you can afford a radio, probably but it is a matter of priority, I could afford a lot of nice toys at the expense of my wife and kids, but my priority is in my family and helping others, not collecting toys and bragging about all the gear I have accumulated and will not use for

years if ever again.

You meet all kinds in this Internet stuff.

Sparky KI5GY

In <9603211524.AA27785@noldor> aust@gandalf.sp.TRw.COM (Mike Aust)
writes:
>
>
>Hey , I want something for free too, put me on the Santa's List.
>I'll take a 5KW HF amplifier, FT1000, etc, you know , it's free.
>Just ask, and Santa will deliver it to you. Is that how it work?
>:-) Gee, I wish I would of thought of this earlier, I could
>have save $$$
>73
>Mike
>W6TRW
>
>
>
>
>Date: 20 Mar 1996 08:06:24 -0500
>From: dteague@csc.com (Guy Teague)
>Subject: WANTED: Free HF Transceiver...
>
>PhilRut1 (philrut1@aol.com) wrote:
> ^^^
>: In article <4imk38$bje@tune.cs.columbia.edu>,
jbaltz@news.cs.columbia.edu
>: (Jerry B. Altzman) writes:
>
>: >Now, kindly crawl back under that bridge and go back to scaring
villagers
>: >passing overhead.
>: >
>: >
>
>: That's pretty crass from someone who's looking for something for
nothing!
>--------
>
>Geez: haven't they got that newsreader at aol fixed yet? <g>
>--
>Regards 73 de dteague@csc.com "They're out there" K
Kesey
>Guy KG5VT gteague@why.net "Hey don't eat that yellow snow" F
Zappa
>
>------------------------------

3817. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: root <root@tnos.kq4zp.us>
Message-ID: <Pine.LNX.3.91.960323223025.3856A-100000@tnos.kq4zp.us>
Source record: 204061
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

On Sat, 23 Mar 1996, Doctor Who wrote:

> Wendell Millman wrote:
> >
>
> > Must we keep this stuff going, as this SUBJECT looks realy bad everytime one
> > goes to read this news group......lets drop the SUBJECT guys it looks bad.
> >
>
> You people are a bunch of pretentious old farts. So the guy gets a
> little frustrated and says he accidently FUCKED UP his transmitter. Big
> deal. That's the way alot of people really talk. The Internet is a
> common meeting place, that is not censored (at least not yet) and if you
> are going to get so bent out of shape over a little bit of profanity,
> you are not going to be able to reap the advantages of the net. So get
> real, okay? He's not really that bad...
>
> ----------=?> Doctor Who <?=----------
>
>

Good reasons to keep the content of posts civil are as follows...
1. Amateur Radio newsgroups end up in many Schools of all levels.
2. Your mothers house is uncensored and I'll bet you don't talk like that to her.
3. It is offensive.
4. Many Internet gateway sysops LIKE MYSELF have to spend an hour or more clearing that trash (on cross postings also!) before posting the news on packet.

P.S. To all others, If you don't like the language then don't use the "reply to" in you reader. It reposts his garbage in your titles which means all of the replys have to be deleted as well.

Thanks for using restraint.

Ed Clark, KQ4ZP
cn1290@coastalnet.com

3818. RL DRAKE Radio CLub on the Web

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: <>
Message-ID: <4j1uiu$963@news.one.net>
Source record: 204062

The Drake Amateur Radio Club is on the Web at W3.one.net/~sniper
note w3 not www. The club members are employees or retired employees
of the R.L.Drake Company of amateur radio fame.
The site is under construction (like all websites) so keep checking periodically..

Bob

3819. Re: TEN-TEC Omni VI

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: kk5dr@io.com
Message-ID: <4j20m7$jot@nntp-1.io.com>
Source record: 204063

> username@interaccess.com (Your Name Here) writes:
> Bill,
>
> I saw your posting and thought I'd throw in my two cents worth. First
> off, I'm not very familiar with most of the other recent rigs, other than
> a few hours at field day, etc., so I can't offer a direct comparison. It
> is worth noting that it's typically been compared to (and done quite well
> against) the TS-950.
>
> Just over a year ago, I decided I would "update" my shack -- I've been
> using my Drake twins for a lot of years, and those blasted radios just
> refuse to quit and give me an excuse to buy new ones! I'm also an
> electrical engineer in the RF world, and receiver performance is
> especially important. I read all the reviews I could find on competitive
> radios, swallowed hard, and ordered the OMNI VI. It was a lot of things.
> Yes, I preferred to buy an American radio, but not at the expense of
> performance -- I also choose to drive German cars. Some of the other
> radios had a few more bells and whistles, but the OMNI has more than I
> will ever use. It seems less complicated -- for example, the passband
> tuning is simple and works very well. Others may use 2 or 3 controls to
> do the same thing. I also wanted a high-spec radio that would run on 12
> volts.
>
> The receiver is truly fantastic, especially in digging out weak signals
> VERY close to strong ones. Several times, I've worked an S2 station on
> CW, only to tune off and find a 40-over-9 station a couple of kHz away.
> The filters (all of them) are simply spectacular. Full break-in CW is one
> of Ten-Tec's big things, and it is faultless -- and quiet. It's a great
> SSB radio as well -- that DSP automatic notch filter really works -- on 40
> meters,the broadcast stations' heterodynes simply disappear (too bad it
> can't get rid of their sidebands, too). You do have to remember to turn
> it off for CW though (yes, there is a LED indicator) -- it "changes"
> everything into "dits" -- that's one of those "cockpit errors" you make
> once. The manual notch filter is the first I've considered worth
> bothering with -- it works well and it's dead simple to tune. You don't
> have to read the manual to use the its features (especially important for
> those of us who occasionally ignore our radios for months at a time).
> I've used the OMNI in a lot of different situations - DXing, contesting,
> ragchewing, even portable running off the car battery, and it has never
> disappointed. I tried it on RTTY, and it worked just as advertised (you
> do need an external fan on the heat sink, but it will handle continuous
> "key-down" operation at full power without complaint). You can transmit
> into anything (or nothing), and not worry about permanent damage. It will
> put the whole 100 watts into a 3:1 VSWR (or worse) without folding back,

> and with no ill effects. It's not a small radio, but it is very light
> (aluminum chassis and no internal power supply).
>
> The radio has performed flawlessly, and I haven't had to use their
> "legendary" support. They did send me a letter a couple of weeks ago,
> offering me an upgrade for the firmware -- not a fix, just a couple of new
> features they've added. It cost all of $15, and they sent out the EPROM
> chip yesterday. I'll replace it this afternoon -- an operation I expect
> to take five minutes, tops, including finding a screwdriver. They have
> made a couple of minor changes based on comments in magazine reviews. For
> example, the tuning rate (main and RIT/XIT) can be set, and the crystal
> oven is on whenever 12V is applied to eliminate 2-3 minutes of noticeble
> warm-up drift when the radio is switched on.
>
> About the only negative thing I'd say about the radio is that it doesn't
> "look" quite as good as it is. It's solidly built, but in terms of
> styling it appears a bit on the Spartan side. The display isn't as sexy
> as some of the rigs with vacuum fluorescent displays (but it is BIG and
> readable) and the S-meter looks a bit "chintzy" (it isn't). The knobs
> could use some texture, and the case could use a bit of styling. All of
> these comments are cosmetic. Basically, I'd recommend the radio to
> anyone. It has the performance for contesting and DXing (it's a lot better
> radio than I am an operator). At the same time, its features don't get
> "in your face" and make it complicated for everyday rag-chewing. If you
> call the number in their ads, they'll send out a package of info. They
> have a web home page, but there's not much there yet.
>
> If you have any specific questions, please feel free to email me. And no,
> I don't work for Ten-Tec (or know anyone who does), and have never set
> foot in Sevierville, Tennessee.
>
> Vy 73,
> Don K9DM
>
>
> In article <4id9m4$k0g@news.liberty.com>, brannick@liberty.com (Bill
> Brannick) wrote:
>
> > Would like to get some opinions as to how this rig stacks up against
> > the other radios in its price class.. like the FT-990 or the TS-850. I
> > would kinda like to support an US made product, as long as to compares
> > favorably with the competition.
>
>>>>
I agree with most of the comments made here in this article. I recently purchased a OMNI-6, and after setting
it up the way I like to operate, I don't really mis my TS-940 anymore.
And the "Legendary" service, I have expericnced threw the order line, with the purchase of the "VERY"
affordable filters.

73 de Matt/KK5DR

3820. Re: HT Dual-Band Amp vs. Dual-Band Mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: Bill@halcyon.com
Message-ID: <NEWTNews.827632931.13706.bill@bill.halcyon.com>
Source record: 204064
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

In Article<lui-2103962251280001@192.0.2.1>, <lui@netcom.com> writes:
> Newsgroups: rec.radio.amateur.equipment,rec.radio.amateur.misc
> Path: news.halcyon.com!nwnews.wa.com!uw-coco!uw-beaver!nntp.cs.ubc.ca!unixg.ubc.ca!info.ucla.edu!agate!howland.reston.ans.net!newsfeed.internetmci.com!in2.uu.net!hodes.com!netcomsv!uu4news.netcom.com!netcomsv!uu3news.netcom.com!ix.netcom.com!netcom.com!NewsWatcher!user
> From: lui@netcom.com (Stephen Lui)
> Subject: HT Dual-Band Amp vs. Dual-Band Mobile
> Message-ID: <lui-2103962251280001@192.0.2.1>
> Sender: lui@netcom19.netcom.com
> Organization: Netcom
> X-Newsreader: Yet Another NewsWatcher 2.2.0b4
> Date: Sat, 23 Mar 1996 06:51:09 GMT
> Lines: 27
> Xref: news.halcyon.com rec.radio.amateur.equipment:28192 rec.radio.amateur.misc:99104
>
> I've enjoyed using my Icom IC-Z1A dual-band HT and have been looking at
> dual-band amplifiers. I seem to need a bit more power when using the HT in
> my car, using a MFJ-1724B magmount antenna. My HT puts out 5W on 2M and 7W
> on 70cm when connected to 13.5V.
>
> I could buy a high gain antenna, but I really don't want a 5 foot antenna
> on my car!
>
> RF Concepts has a 2M/70cm amp (Model 2/70G) which outputs 30W/20W for 5
> watts in for $259 and has a built-in receive preamp as well. How will the
> HT and the amp compare to a dual-band mobile unit?
>
> The power may be comparable, and the amp also improves received signals,
> but how will the performance compare with a dual-band mobile? Does the RF
> Concepts dual-band amp have any band pass filters to reduce intermod?
>
> I do connect my HT to a Radio Shack Discone antenna at home and don't seem
> to have much of a problem with intermod. I know the discone isn't a high
> gain antenna, but it is definitely better than the rubber duckie!
>
> I like all of the features of my HT and I probably have to buy something
> like a Yaesu FT-8500 ($680) to get comparable features (alphanumerics are
> high on my priority list). I like the ICOM IC-2000H ($300), but it is only
> a 2M radio.
>
> Stephen
> KF6BTE

Hi Stephen,

My suggestion is to skip the dual band amp. You will be better off with a real dual band mobile radio. With a mobile radio your radio is always ready to go in the car (no hooking it up to external antenna and power). Your hand held is always ready to be taken in your coat pocket.

A handheld does not have the best immunity in the receiver. You will experience more intermod when using the handheld in your car on an external antenna.

Bill

3821. Re: Help Repeater Linking!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar23.182833.10591@ke4zv.atl.ga.us>
Source record: 204065

In article <4ipeov$45l@news.inc.net> Will Flor <willf@rrgroup.com> writes:
>MKWS78A@prodigy.com (William Rahl) wrote:
>>Could someone direct me to a good book on repeater linking. I have
>>heard of voters and linking remote receivers via radio or Telephone lines.
>>
>>I looked in the Handbook,but it really doesn't explain to much. What I
>>want
>>to know is a Remote receiver just that ,a RX radio or is it a another
>>Repeater!
>
> I can't recommend a good book, unfortunately, but a remote receive site is
>typically another repeater. Most multi-site 2m repeaters I'm aware of, for
>instance, link the remote receive sites to the main site by 440 MHz links, so
>the remote receive sites are really cross-band 2m/440 repeaters. They have
>repeater controllers, auto-ID, etc. just like the main repeater; they listen on
>the repeater's input frequency and transmit on the link frequency. The link
>receiver at the main site receives the link frequency and provides audio for
>the voter, etc.

The links aren't technically repeaters. They are stations in auxillary
operation, and the links aren't usually in the repeater portion of the
70cm band, thus the stations cannot be repeaters by law.

The link transmitters may or may not be COR operated by the remote
receivers. In some systems, they are active any time the voting system
is in operation. The voter has to have information as to which remote
receiver has the best signal from the user station currently transmitting.
There are several ways to implement this.

One method, called tone or voice, sends a tone down the link except
when the remote receiver limiter current exceeds some preset value.
Then the receiver audio is switched to the link. At the master site,
the absence of a tone signals the voter to put that receiver's audio
to the main repeater transmitter. This is a first come first serve
voter, and isn't particularly good when several remote receivers are
all receiving the user signal.

Another method, called tone over voice, transmits a varying frequency
tone whose frequency corresponds to the remote receiver limiter current
(generated with a voltage to frequency converter) at all times, along
with the voice output of the remote receiver. This tone is pitched higher
than voice, and is filtered out at the master site by the voter. The voter
decodes the tone (with a frequency to voltage converter) and votes the
receiver with the highest limiter current as the one to feed to the
repeater transmitter. This works better than the tone or voice systems.

Another system, called an audio SNR voter, just feeds raw remote receiver audio down the link at all times. At the master site, the voter does an audio SNR measurement of each remote receiver and feeds the one with the best SNR to the repeater transmitter. Obviously the remote receivers have to operate unsquelched, and the links are transmitting raw noise most of the time. (If the remote receiver were squelched, the voter would measure it as having the best "quieting" and always vote it to the repeater transmitter, a highly undesirable form of voting.)

It is possible to combine audio SNR voting with squelched remote receivers and COR operated links. Then the SNR measurement will be on the channel noise of the link receiver when the remote receiver is squelched (and the link transmitter off), and thus will not be voted to the repeater transmitter. The link receivers are, of course, operated unsquelched.

This is probably the most popular system used by amateurs, but it does have some drawbacks. If the user is in a noisy location, say driving in a vehicle with the window down, the noise picked up by his microphone can confuse the voter. And links keying up and down can introduce pops in the link receivers that can confuse the voter.

Remote receiver limiter current is a better measure of signal quality, but it requires the link transmitters to be active at all times. Varients of these systems can use phone lines instead of RF links, but that can get expensive because you need a line for every remote receiver.

Gary
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3822. Mods for the Yaesu 51R ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: "David H. Malin" <dollarsign@earthlink.net>
Message-ID: <3154AFF3.638A@earthlink.net>
Source record: 204066

Looking for the mods to transmit out of band for the 51r and clues?
--

****
* *
* Dave H. Malin *
* 30447 N. Sunrose Pl *
* Canyon Country,Ca 91351 *
* Home 805-298-0300 *
* Work 213-485-2918 *
* ---------- *
* Communications Electrican *
* City Of Los Angeles *
* ---------- *
* TSgt 146 Aero Medical Evac Sqn *
* California Air National Guard *
* ---------- *
* Old West Lodge No. 813 F.& A.M. *
* Southern Calif Harley Riders Ass *
* AA6RV Amatuer Radio Call Sign *
* *
****

3823. Re: Weird Radio Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar23.142115.8973@ke4zv.atl.ga.us>
Source record: 204067
Cross-posted to: alt.radio.scanner,alt.radio.pirate,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

In article <314D9822.371D@vertex.ucls.uchicago.edu> Isaac Kohn
<ikohn@vertex.ucls.uchicago.edu> writes:
>Michael J Wooding wrote:
>> In article <4idjm1$f0c@madeline.INS.CWRU.Edu>, David Mark
>> <dg715@cleveland.Freenet.Edu> writes
>> >What's happening is your radio is probably tuned to an FM station
>> >near the upper end of the band (around 107-108mhz) and you're
>> >probably under a flight path. When a plane is nearby (there's
>> >that word again) and the pilot transmits on one of the lower
>> >airline frequencies, your radio's less than discriminating tuner
>> >picks it up.There is a small, minor detail: Air transmissions were AM, last time I
>checked! How does an FM receiver with poor-selectivity receive AM
>transmissions???

Remember that the poor selectivity is in the receiver front end,
allowing the image signal into the receiver. This doesn't have
anything to do with IF selectivity. Now as to how an FM receiver
can demodulate AM, if the receiver uses a discriminator, it will
happily demodulate AM too unless the signal is strong enough to
have it's amplitude variations stripped off by the limiter stage.
If the receiver uses a ratio detector, it won't have a limiter
because a ratio detector is theoretically insensitive to AM
variations. But if the ratio detector isn't perfectly balanced,
it will still demodulate the AM signal too. So either of the
popular types of FM detector can demodulate AM under the right
conditions. One of those conditions is likely to exist in a
cheaply made FM receiver using a whip antenna.

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3824. Re: HT Dual-Band Amp vs. Dual-Band Mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar23.154254.9719@ke4zv.atl.ga.us>
Source record: 204068
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <lui-2103962251280001@192.0.2.1> lui@netcom.com (Stephen Lui) writes:
>I've enjoyed using my Icom IC-Z1A dual-band HT and have been looking at
>dual-band amplifiers. I seem to need a bit more power when using the HT in
>my car, using a MFJ-1724B magmount antenna. My HT puts out 5W on 2M and 7W
>on 70cm when connected to 13.5V.
>
>I could buy a high gain antenna, but I really don't want a 5 foot antenna
>on my car!
>
>RF Concepts has a 2M/70cm amp (Model 2/70G) which outputs 30W/20W for 5
>watts in for $259 and has a built-in receive preamp as well. How will the
>HT and the amp compare to a dual-band mobile unit?

Not favorably. Think of the tangle of cables, the still poor audio
output, and the almost certainty of overload and intermod problems
with the HT plus preamp.

>The power may be comparable, and the amp also improves received signals,
>but how will the performance compare with a dual-band mobile? Does the RF
>Concepts dual-band amp have any band pass filters to reduce intermod?

No, there are no filters limiting intermod included, and the preamp will
only make it worse. Your HT is already too sensitive thanks to being designed
to work with a rubber dummy load.

>I do connect my HT to a Radio Shack Discone antenna at home and don't seem
>to have much of a problem with intermod. I know the discone isn't a high
>gain antenna, but it is definitely better than the rubber duckie!

Barely. :-) The main advantage is height, which is certainly not
inconsequential, but doesn't fully make up for the lack of gain.

>I like all of the features of my HT and I probably have to buy something
>like a Yaesu FT-8500 ($680) to get comparable features (alphanumerics are
>high on my priority list). I like the ICOM IC-2000H ($300), but it is only
>a 2M radio.

Ouch. Yes, if bells and whistles are more important than solid
communications capabilities, you're going to have to spend a ton
on a mobile rig. But if you're more interested in good communications
performance, there are alternatives which will work much better than
a HT and an amp, while not costing more than the combination of a
HT and an amp. The Yaesu FT-8500 is actually a pretty good ham rig,
despite the bells and whistles, but a Motorola Mitrek would be better,
and cost less than $100 (or a MIcor for $50, or a GE Mastr II for $75).

With the change, you could also buy a scanner if you just have to have
that capability.

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3825. Re: FCC-Out of Control??? Please Read

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar23.184730.10804@ke4zv.atl.ga.us>
Source record: 204069

In article <4ij7at$7b7@crash.microserve.net> jackl@pinetree.microserve.com (WB3U) writes:
> aust@gandalf.sp.TRw.COM (Mike Aust) wrote:
>>
>>THis is an equipment forum , not a political forum
>>but I will say this. When the FCC gives you a license,
>>it is granting you a prelivege, not a right.
>
>What's worse is that even the grant of privelage is illegitimate.
>Congress can empower the F.C.C. and pass all the laws it wants, but
>neither of them own the frequencies.

Jack, the privilege they are granting you is a promise that they
won't storm your house and shoot you if you get their license and
abide by their rules. It really has nothing to do with who does
or does not have an ownership claim to the spectrum.

Governments can't grant rights, whether those rights are property
rights or any other kind of rights. Rights are inherent. Government
can only infringe rights, either via the exercise of force or threat
of force. That's all government is, the most powerful set of goons
in the neighborhood. Governments, like any other gang, wield power
by operating a protection racket, with the protection offered being
mainly from *them*.

Gary
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3826. Re: 706 mod needed tran. in 151mhz

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar23.185416.10883@ke4zv.atl.ga.us>
Source record: 204070

In article <4ii951$215@n1.wdc.net> wb6wlr@wdc.net writes:
>drx1@freenet3.scri.fsu.edu (timothy charles phillips) wrote:
>
>>hello,I need mods to trans. in the 151 mhz. range for work.It would
>>prevent me from adding another radio and ant. to my truck.
>
>> thanks Tim,KF4FCO
>
>This is a GREAT way to get one of those famous PINK tickets, and lose
>a bunch of $$$ in the process. Amateur rigs are not, repeat NOT, type
>accepted for use outside the ham bands. Use such as you propose is
>illegal...

Not only that, this modification is particularly nasty, and makes
the radio much less usable for amateur operation after you perform
it. Don't even think about it. If you must operate illegally, pick
a radio that's more easily modified for this purpose.

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3827. Re: RS 2M Amp, Experiences?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar23.185734.10967@ke4zv.atl.ga.us>
Source record: 204071

In article <lui-1903961724120001@192.0.2.1> lui@netcom.com (Stephen Lui) writes:
>Does anyone have any experience with the RS 2M amplifier? I want to use it
>with my Icom IZ-Z1A handheld. How does it compare with the other >$100
>amps like the Mirage and Daiwa? The RS 2M amp is on sale for $99 until
>3/30.

For starters, it's cheaper. :-)

It also seems to work fine.

Gary
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3828. Re: MOD Wanted: FT-1000MP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar23.192158.11134@ke4zv.atl.ga.us>
Source record: 204072

In article <4is17b$lkd@abyss.West.Sun.COM> myers@West.Sun.COM (Dana Myers) writes:
>In article <31514A02.4A9D@i-2000.com>,
>Richard Long Island NY <ru@i-2000.com> wrote:
>>Robert Young wrote:
>>> I'm looking for the all band TX/RX mod for the Yaesu
>>> FT-1000MP. If anyone can help drop me a note.
>>
>>Just curious..why would you want to xmit out of band?
>>that radio already has full receive coverage.
>>Rich..k2koq
>
>I can't speak for Robert Young, but there are several reasons
>why people want to modify radios for general coverage transmitting:
>
>1. Emergency preparedness. Amateurs are allowed to use any means
>necessary (i.e., frequency, power, mode, etc.) to gain help when
>life of property is in danger.

Dubious legality, and dubious utility. Who ya' gonna call? VOA?
And that's *imminent* danger, IE the boat's sinking, the plane
is out of fuel and there's no clearing in gliding range, or
you're trapped in a car sitting on a railroad crossing and the
train is bearing down. Anything less can't justify operations
that would normally be illegal. For example, you run out of gas
and coast to the shoulder of the expressway. That's not imminent
danger, though it might be possible danger, and doesn't warrant
normally illegal activities such as transmitting out of band
or carjacking a passing motorist for a ride.

A pretty good metric for imminent danger situations is to ask
yourself if you are willing to put another person in potential
danger to alleviate your danger. If you're moral, and the answer
is still yes, then perhaps out of band operation is warranted.

>2. The amateur may wish to participate in MARS and/or CAP on HF.

Legit.

>3. An amateur may want to use an HF radio as part of a VHF/UHF/microwave
>transverter lash-up, and wideband transmit may be extremely useful for this;
>the bands at VHF, UHF and microwave are larger than any HF band.

Legit.

>4. A person may want to operate on 11m. This isn't legal, of course.

The most likely reason though. :-(

Gary

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3829. Re: Combination HF AND 2M transceiver?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar23.193454.11229@ke4zv.atl.ga.us>
Source record: 204073

In article <4igqm0$123@newsbf02.news.aol.com> sfwarrior@aol.com (SF warrior) writes:
>Can anyone give me suggestions on a good HF/2M mobile transceiver. The
>only one I am aware of at the present time is the IC-706. Is this a good
>system and what are its competitors.
>Thanks.
>D.

It has no competitors (except separate radios), and it works quite
well. It is a better HF rig, and a better simplex SSB/CW 2m rig,
than it is a repeater kerchunking box and scanner. If you're primarily
interested in the latter, separate radios are a better choice. But if
you must have all in one, the IC-706 is the *only* choice.

Gary
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3830. Re: Problem with KENWOOD TH-28E

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar23.225629.12068@ke4zv.atl.ga.us>
Source record: 204074

In article <4iubq9$vqj@usenet.pa.dec.com> lawson_j@annecy.enet.dec.com (Jonty Lawson) writes:
>
>Can anybody cast any light on a problem I have with a Kenwood TH-28E 2m set.
>
>I bought this to use here in France on 143.9875MHz, the frequency allocated to
>sports hang and para gliders. The symptom is that the squelch sometimes opens
>up even when set to minimum sensitivity. This occurs on certain specific
>frequencies separated by 1MHz (needless to say, 143.9875 is one of them).
>
>What seems to be happening is that the radio is picking up the radiations from
>its internal clocks. If you put it inside a metal box the problem increases
>rather than goes away, suggesting that it is indeed the source of the emission.
>Another 2m set held close to it also picks up on the same frequency.
>
>The distributer I bought it from has made it clear that I will have to sue him
>to get him to take it seriously. Kenwood in Paris have also indicated that they
>don't give a damn.
>
>Does anyone here have any suggestions? Is it reasonable that a $500 RxTx should
>be unusable on certain frequencies? Is this a known problem with this model or
>have I got a defective one.
>
>Anyone got any thoughts?

Sounds like you've found a birdie. Most radios have them in one place
or another. I can understand Kenwood's reluctance since the frequency
where you experience the problem is outside the range for which the
radio is intended, IE outside the amateur band. Most manufacturers
won't warrant their products for uses outside the range within which
they were designed and marketed to perform.

I'd guess that the birdie is being generated as a harmonic of the
microprocessor clock. You might try a gimmick capacitor across that
crystal to shift its frequency slightly, and thus move the birdie
off your frequency.

Gary
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3831. Need info on KWD TM-742A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: MIKELS@sisna.com
Message-ID: <31537ff5.0@news.sisna.com>
Source record: 204075

I need info on the commands of the TM-742A. I know I saw one for TM-733A, i.e. functions, resets, etc. It was a neat chart on all the functions. Does anyone know where on the WEB or Newsgroups I can find the commands? What buttons to push in what sequence etc. Thanks

3832. KENNWOOD TH-79 AD Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: kham@halcyon.com
Message-ID: <kham-2303962303210001@blv-pm1-ip7.halcyon.com>
Source record: 204076

I have the mods for the TH 79 A - are they the same for the TH79 AD?
If you have done the mods on either radio, was the radio's resistance to
intermod affected by the mod? Was the radio affected in any other way?
I only want to get the recieve of the 460 MHz police band.

Thanks!, 73's, Dave

3833. Web Swap Shop

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: dale@ix.entrepreneurs.net
Message-ID: <4j1ciu$nvu@news.magi.com>
Source record: 204077

Web Site listing Canadian Bargains updated DAILY.

Each and every one of your US dollars will today buy you about $1.35 Canadian. We list more than 100 items of radio and computer equipment for sale by Canadian Amateurs.

Point your browser to:

http://www.entrepreneurs.net/dale/amp.htm

3834. Re: Need info on Tektronix 492 Spectrum Analyzer

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: Cliff Soderback <Cliff-s@cris.com>
Message-ID: <3154BF2C.57BE@cris.com>
Source record: 204078

Mike Suhar wrote:
>
> I have noticed Tektronix 492 Spectrum Analyzer advertised by several used
> equipment dealers. I am looking for comments from those that have some
> experience with the 492. The basic questions come to mind. 1.) Are these
> still being serviced by Tektronix. 2.) Are parts available. 3.) Do they have
> any inherent flaws that would shorten their life and make them undesirable to
> own? 4.) Are the options 01, 02, and 03 desirable?
>
> Any other comments would be appreciated.
>
> I have observed prices vary from $5K to $8.5K, some refurbished some not.
>
> Mike Suhar, WB8GXB
> michael.suhar@lexis-nexis.com

I used the 492 Tek spectrun anlayzer. It is a excellent instrument.
I don't remember what the options did, but some went to about 40ghz,
others had tracking generators. Look in the back of the instruction book
it will tell. These sold for $18,000 to $20,000 new. Tek still
services them. Be sure to check the brightness on the CRT's before
you put down any money. They have an excellent service record and
were widley used in broadcast television, microwave and cable tv
systems. Tek does have a factory service department that will bring
them up to date and re-calibrate them. When they come back the look
and work like new.
Cliff, W7VVA

3835. Kenwood TM-742A Info needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: MIKELS@sisna.com
Message-ID: <31541dac.0@news.sisna.com>
Source record: 204079

Need information where to find the command string for the Kenwood TM-742A. I know there is a note or document available for the TM-733A, I can't find that either. If any one knows where I can access that on the net, please let me know. thanks

3836. fw: DSP-232 query

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: bob@texas.net
Message-ID: <4iv968$p32@nntp.texas.net>
Source record: 204119
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.equipment,rec.radio.amateur.

From the DSP-2232 Mailing List

"Caveat Emptor"

Bob

> Hello all,
>
> I was listening to one of the Boston area two meter AMSAT
> nets last night. A ham who had just bought a DSP-232 made what
> he termed a "product warning" to the net.
> He stated that he had just bought a DSP-232, but that it had
> arrived with fewer modems than advertised. Specifically, the
> BPSK modems had been deleted. Further, he stated that
> information from AEA made it clear that these modems would only
> be available as expensive options, and that no further
> development work should be expected on the DSP-232.
> This all sounds rather extreme to me. Has anybody on this
> list experienced this, or hear similar stories? Is it possible
> that with the change in management at AEA that this may change,
> or is this a *result* of the change? Everything I've seen about
> the return of AEA's founder to the company doesn't support this
> kind of attitude.
>
> 73,
>
> David Reinhart
> wa6ilt@amsat.org
> WA6ILT@K1UGM.#EMA.MA.NA

3837. Re: Any info on FT-50?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: Jeff Goldman <75162.2371@CompuServe.COM>
Message-ID: <4ivqm9anq1@mhadf.production.compuserve.com>
Source record: 204120

I've been told that it'll be introduced officially on April 1. And that
it has 800MHz coverage (with no cellular). It's already out in Japan.
It has a 15kHz filter vs the FT10/40 12kHz one.

3838. Re: Icom IC-Z1A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: Jeff Goldman <75162.2371@CompuServe.COM>
Message-ID: <4ivqr0anq2@mhadf.production.compuserve.com>
Source record: 204121

Grab one fast. It's been discontinued in Japan and doesn't have a very rosy future in this country either. Price is down to as low as $319 (includes $100 rebate). The W31A and new T7A will be ICOM's dualband HTs.

3839. Info Needed: RCA Commercial Two way

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: McCullough <mccu@erols.com>
Message-ID: <4ivqcf$n8u@news5.erols.com>
Source record: 204122

Can anyone direct me to a source for a service manual for an RCA 800 mhz non-trunking radio. I believe this model (MFAW2-AC21B) was refered to as a "TAC-300" series.

Thanks for any help,

Chuck McCullough

3840. Re: IC-706 Rx sensitivity is ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: bclongwell@delphi.com
Message-ID: <9603222129591.The_Win-D.bclongwell@delphi.com>
Source record: 204123

Randall,

I would like to get a copy of these modifications. Also, anything to tweak up the noise blanker ?

Thanks

Brian Longwell
WB2DSH

3841. FS Electronic Keyer

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: "alt.radio" <102745.360@CompuServe.COM>
Message-ID: <4ivgql$425$1@mhafc.production.compuserve.com>
Source record: 204124

MFJ 407B Electronic Keyer. Brand new in original box. Never used. $60. Jeff

3842. FS Cushcraft 40M Add - On Kit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: "alt.radio" <102745.360@CompuServe.COM>
Message-ID: <4ivgt8$425$2@mhafc.production.compuserve.com>
Source record: 204125

Add on antenna kit for 40M to A-4 Beam. Brand new in box never
opened. $100. Jeff

3843. FS Tuner

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: "alt.radio" <102745.360@CompuServe.COM>
Message-ID: <4ivguc$425$3@mhafc.production.compuserve.com>
Source record: 204126

MFJ 300 Watt 941D Tuner. Good Cond. $50. Jeff

3844. Timewave DSP-59+ EXPERIENCE?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: Marty Gulseth <gulseth@spk.hp.com>
Message-ID: <4ivhb3$91h@hpcvsnz.cv.hp.com>
Source record: 204127

Hello All,

Anyone out there with a Timewave DSP 59+ (I think/hope that's the proper model #)? Comments, esp. re operation with HF digital modes?

TNX es 73 DE W7LEJ

Marty, Spokane, WA

3845. CPI Autopatch any info?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: Darryl Collins <collinsd@newcomm.net>
Message-ID: <31535e9b.0@endeavor.newcomm.net>
Source record: 204128

I have a CPI Autopatch and did not get a manual with it, does any graceous ha have any info ? ie control codes, programming etc?

3846. I NEED MODS FOR FT-530

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: wa4ucf@pcc-uky.campus.mci.net
Message-ID: <4j007r$id4@news.campus.mci.net>
Source record: 204129

I have just ordered a ft-530 and would like to have any mods for this radio 73' Jerry wa4ucf@pcc-uky.campus.mci.net

3847. FS: KENWOOD RC-10 remote control handset

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: Micky Corrow <opus@sover.net>
Message-ID: <315390C8.381A@sover.net>
Source record: 204130

For Sale

KENWOOD RC-10 remote control handset - allows
full duplex operation between two KENWOOD
radios. Celular look-alike handset and cradle
perfect for mobile operation. Used 1 year.
Includes manual and all cables. $120.00 OBO
email only to opus@sover.net
Check the whole list at:
http://www.sover.net/~opus/classified.html

3848. Re: IC-738 Aux Jack #1

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4j04nh$pip@news.halcyon.com>
Source record: 204131

Stephen Farlow <sefarlow@phoenix.net> wrote:

>I have an ICOM 738 and need to wire a connector for the cable between my KAM and the
>AUX 1 plug on the back of my IC-738. Kantronics sent me specific wiring instructions
>for doing this for the IC-737. Is the pinout/wiring identical for the AUX 1 plug on
>both the IC-737 and the IC-738?

Yes it should be the same.

Gary

3849. Re: MARS Mod for ICOM 737A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4j04q6$pip@news.halcyon.com>
Source record: 204132

mfp@aros.net (M.F.P.) wrote:

>Anyone willing to let our group know if there is EVEN a mod that exists?

>RMRA
>Marc KB7YJJ

Same as 737, the tuner will not operate in the MARS bands though as it
is set up for only the Amateur radio bands.

Gary

3850. Re: Icom IC-Z1A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4j04sh$pip@news.halcyon.com>
Source record: 204133

proxima@scott.net (Proxima) wrote:

>Has anyone seen Icom's new IC-Z1A? I just received my amateur license
>and am looking for a good HT. The ads I've seen for this model show
>some very nice features.

>Any ideas?

>Any comments?

>Thanks,

>Proxima
It also has a $ 100.00 direct rebate from ICOM when you provide the
dealer furnished coupon, filled out warranty card and copy of sales
receipt to ICOM America. Inc

Gary

3851. Rare Bug ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4j0ene$72i@crash.microserve.net>
Source record: 204134

Was talking to a guy on 80m earlier who claims to have a bug I haven't heard of before. Actually, he just picked it up recently and doesn't know much about it. If you have info on this key, I'll pass it along.

The bug is apparently very similar to a Vibroplex, almost a copy. It was made by the Telegraph Apparatus Company in Chicago. The guy also picked up a second bug made by the same company, but he says it looks more like a prototype of some sort than a production model. I get the feeling the prototype either doesn't work very well or is missing parts.

Any info will be appreciated.

73,
Jack WB3U

3852. Mobile HF tranceiverrs??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: mauricea@glo.be
Message-ID: <4j0s7h$djg@rhea.glo.be>
Source record: 204135

Hi all,

I'm planning to get some kind of mobile HF tranceiver in the near future. I've read the review in QST about the IC-706 and it didn't convince me 100% to go out and buy one.
What I would like to know is: What are the pro's and con's of tranceivers like IC-706, TS-50, DX-70....

The TS-50 has proven itself already (from what I've heard) but the others offer extra bands. Is the extra cost worth it? And most important: how do they behave 'on air'??

I'm not going to use a radio like this at home, but only mobile with a Outbacker (or similar) antenna. On 2 meter (if availlable) I would only use a quarter wave.

Thanks for replying... :-)

bye, Maurice (mauricea@glo.be)

PGP key on request

3853. FS:Drake TR7

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: Jleikhim@nettally.com
Message-ID: <4j009d$6q3@server.cntfl.com>
Source record: 204136

```
DRAKE TR-7 $575
General Coverage 1.5 to 30 MHz (WARC) HF SSB, AM, CW Transceiver
Includes DR7, FA7, PS7, plus service and operation manuals
Good Condition,
Jleikhim@nettally.com
```

3854. HT Dual-Band Amp vs. Dual-Band Mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: lui@netcom.com
Message-ID: <lui-2103962251280001@192.0.2.1>
Source record: 204137
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I've enjoyed using my Icom IC-Z1A dual-band HT and have been looking at dual-band amplifiers. I seem to need a bit more power when using the HT in my car, using a MFJ-1724B magmount antenna. My HT puts out 5W on 2M and 7W on 70cm when connected to 13.5V.

I could buy a high gain antenna, but I really don't want a 5 foot antenna on my car!

RF Concepts has a 2M/70cm amp (Model 2/70G) which outputs 30W/20W for 5 watts in for $259 and has a built-in receive preamp as well. How will the HT and the amp compare to a dual-band mobile unit?

The power may be comparable, and the amp also improves received signals, but how will the performance compare with a dual-band mobile? Does the RF Concepts dual-band amp have any band pass filters to reduce intermod?

I do connect my HT to a Radio Shack Discone antenna at home and don't seem to have much of a problem with intermod. I know the discone isn't a high gain antenna, but it is definitely better than the rubber duckie!

I like all of the features of my HT and I probably have to buy something like a Yaesu FT-8500 ($680) to get comparable features (alphanumerics are high on my priority list). I like the ICOM IC-2000H ($300), but it is only a 2M radio.

Stephen
KF6BTE

3855. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: walt@servelan.co.uk
Message-ID: <4j0hi0$j3k@tube.news.pipex.net>
Source record: 204138
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

jgedmond@hic.net (James G. Edmondson) wrote:

[large, foul-languaged quote snipped]
>>I hope that you DO NOT use such foul language while talking on the
>>FM-25 if and when you get it working.
>>Bill

>DITTO, the FOUL language comment.

Why is it that all the people who are complaining about the foul language insist on re-posting it, word for word, so compounding the felony? It has appeared about 8 times so far (not counting the repetitions of title line) .... but only once by the original poster!

:P

73 de G3NYY
(Original title retained, only to keep the thread intact!)

--
Walt Davidson E-mail: walt@servelan.co.uk
100523.1414@compuserve.com

3856. Uhh.....one more Ni-Cad q

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: roland.stiner@hobbs.com
Message-ID: <8BD41A8.00270034FE.uuout@hobbs.com>
Source record: 204139

To: rickcrider@aol.com
Subject: Uhh.....one more Ni-Cad question......

R>When refitting a dead ni-cad pack.....would using 1000mA Nickel Metal
>Hydride batteries that I see at hamfests be better than the standard
>nickel cadmium types.....?

They are supposed to be better but I believe you might need a special
charger. I read that the chargers for ni cads do not work on those
batteries. Maybe they changed them so that they do. Let me know if you
get some.

OLX 1.53 --------------> 73, de NK2U <----------------

* Origin: CyberNet BBS Lyndhurst, NJ (1:2604/151)

.....ooooo0OOOOo http://www.intac.com/~cono
__,-----. ---+_________#_ The Roy Hobbs BBS sysop@hobbs.com
|________| |__|___________} Node 1: 201-641-7307
ooooo oo ~ ooO-O-O-O == oo\ Node 2: 201-641-3126

3857. Chgo area classes - Novice thru Extra

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: dreambig@ix.netcom.com
Message-ID: <4j0uue$lft@ixnews2.ix.netcom.com>
Source record: 204140

My idea is simply this -- ham radio classes see a lot of drop-outs because the classes go on too darn long! People have better things to do with their lives than attend 6 to 12 weeks of ham radio classes.

I am looking for students and sponsors for one-day license workshops. If you know anyone interested in getting their Novice ticket or upgrading to Technician, General, Advanced or Extra, please have them call me. I will teach a one-day theory seminar & workshop for any license level -- Novice through Extra.

I've taught ham radio to about 300 people during the past 10 years from Novice through Extra and always enjoy the excitement in the faces in front of me.

What do I need to make this happen? I am looking for a club that wants to sponsor the workshops.

The sponsoring club will
1) provide a suitable room for an all-day seminar and
2) get students lined up for the classes.

What will the club get in return for their effort? Classes are a great source of new members. Classes can also be an income producer if the club wants to charge for them.
Keep the money as a donation to the club or let that money pay for a one-year club membership for the new ham. My services are free to the club and the students.

Please call me if....
* Your club or repeater group is interested in sponsoring a workshop
* You or someone you know is interested in a one-day Upgrade workshop
* You know someone interested in a one-day Novice Workshop

73 de WD9HCR
Larry Pike
(847) 776-3004
dreambig@ix.netcom.com

3858. Mods for Standard C508A?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: jwill@cabell.vcu.edu
Message-ID: <4j0jqu$a7h@cabell.vcu.edu>
Source record: 204141

I read an account of two mods for the Standard C508A HT ...it reads "remove chip resistor RD77" ...but I can't seem to locate this component because it is not marked on the board. Could someone provide more details on how to locate the components for the out-of-band transmit and the cellular freq resore mods?

Thanks in advance

Robert S. Williams

3859. Wanted Rotor for Alliance HD-73

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: REDLIGHT@NANDO.NET
Message-ID: <REDLIGHT-2303960937420001@grail507.nando.net>
Source record: 204142
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap,rec.radio.amateur.antenna

I am looking for one or more working rotor motor units for the Alliance HD-73 series. I have the control units already, just no rotors.

Please e-mail replies to: redlight@nando.net

Thanks

Mike
KF4HXR

--
Mike - Raleigh, NC USA

Opinions expressed herein are my own and do not in any way represent those of my employer.

3860. Wanted ICOM AT500 Antenna Tuner

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: REDLIGHT@NANDO.NET
Message-ID: <REDLIGHT-2303960938580001@grail507.nando.net>
Source record: 204143
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

Anyone having one of these units for sale please e-mail me with price and condition.

Thanks

Mike
KF4HXR

--
Mike - Raleigh, NC USA

Opinions expressed herein are my own and do not in any way represent those of my employer.

3861. Re: wtb: allied, lafayette, and heathkit catalogs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: slowskan@mailhost.iconn.net
Message-ID: <4j15gf$8l@news.iconn.net>
Source record: 204144
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.cb

Sir; I have a series of catalogues that I want to sell. the list is as
follows:
HeathKit test Equipment Catalogue 1954
HeathKit Cat. 800/84 Fall-Winter 1968
HeathKit Cat 800/83 Summer 1968
HeathKit Cat 810/72 1969
HeathKit Cat 800/91 1969
HeathKit Cat 810/69 1969
HeathKit Cat 810/70R 1970
HeathKit Cat 810/71 1970
HeathKit Cat 800/11 1971
HeathKit Cat 800/40 1972
HeathKit Cat 800/28 1972
HeathKit Cat 800/70 1973
HeathKit Cat 810/74D 1974
HeathKit Cat 800/80D 1974
HeathKit Cat 810/75 1975
HeathKit Cat 804 1975
HeathKit Cat 802 1975
HeathKit Cat 803 1975
HeathKit Cat 809 1976
Electronics Dist Inc Annual Edition 1973
Allied Electronics Cat 280 1969
Lafayetter Radio Electronics Cat 660 1966
Radio Shack Cat 124 1968
Allied Electronics Cat 710 1971
Allied Electronics 1974 Engineering Manual & Purchasing Guite No 710
1974
I have ARRL Handbooks that are quite old if your interested.
All of the above are in excelent condition.
Normand riquier
slowskan@iconn.net

link.com> wrote:

>looking for some hams to help me locate electronics catalogs from the mid
>50's to mid 60's.

>especially ALLIED ELECTRONICS, LAFAYETTE RADIO ELECTRONICS, and
>heathkit.

>as a sidelite, i would also like to acquire a built or unbuilt 100mw
>"Knight Kit" CB walkie talkie (from Allied Electronics i think). It is
>from about 1959 or 1960, case is blue, 4-transistor.

>any help?????

>bobby wb5wur

>

3862. Re: Ni Cad Confusion.....Help Please.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: AC6V <ac6v@ix.netcom.com>
Message-ID: <4j10dd$s1j@dfw-ixnews3.ix.netcom.com>
Source record: 204145

Hi Rick. I am sure that this question will get you numerous replies both the good, the bad and the awful. There is so much info and mis-info floating about on the care and feeding of Ni-Cads that it boggles the mind.

The best reference I have found (used by HP Engineers while designing portable battery packs) is the General Electric Manual on Ni-Cad batteries. Not sure of the availability of same -- but sure worth the search. Try writing to GE or check out the Library or used book stores.

73
Rod

--
****
Hark! I Have Hurled My Words To The Far Reaches Of The Earth!
What King Of Old Could Do Thus ? --- AC6V
****
A Man May Know Of The World Without Leaving The Shelter Of His Own Home!
Loa-Tsze
****

3863. Need info on Tektronix 492 Spectrum Analyzer

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: mds@lexis-nexis.com
Message-ID: <4j11o8$gfm@mailgate.lexis-nexis.com>
Source record: 204146

I have noticed Tektronix 492 Spectrum Analyzer advertised by several used equipment dealers. I am looking for comments from those that have some experience with the 492. The basic questions come to mind. 1.) Are these still being serviced by Tektronix. 2.) Are parts available. 3.) Do they have any inherent flaws that would shorten their life and make them undesirable to own? 4.) Are the options 01, 02, and 03 desirable?

Any other comments would be appreciated.

I have observed prices vary from $5K to $8.5K, some refurbished some not.

Mike Suhar, WB8GXB
michael.suhar@lexis-nexis.com

3864. QRP Info Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: ☐Jeremiah Rogers <103307.2155@CompuServe.COM>
Message-ID: <4j141q$9g4$2@mhadg.production.compuserve.com>
Source record: 204147
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

I'd like to buy a solid-state, QRP rig that supports CW and phone. I'm
open to almost all HF bands, but am fairly limited in my funds. If anyone has
one they might be willing to part with for less than $150, then I'd like to
hear from them. I'd also be interested in some suggestions for rigs/kits
that might be under $150, and any info on what I might be able to expect
out of them. Thanks in advance, and 73.
Jeremiah Rogers (KE4LSU), 103307.2155@compuserve.com
--
Jeremiah Rogers, KE4LSU, 103307.2155@compuserve.com
"There are always three sides to every story:
the two sides told,
and the side untold."--my father

3865. Re: HF rig advice needed!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: ☐Jeremiah Rogers <103307.2155@CompuServe.COM>
Message-ID: <4j13gk$9g4$1@mhadg.production.compuserve.com>
Source record: 204148

Hey Jack, what are you going to do with the old ICOM? If you're interested in
letting it go, let me know. I don't know anything about the rig, but I'm
in the market for a solid-state rig, doesn't have to have all the bells and
whistles, that might be fairly low-cost. If not interested, then that is fine
with me. Either way, let me know what you hear, and good luck.
73,
Jeremiah (KE4LSU), 103307.2155@compuserve.com
--
Jeremiah Rogers, KE4LSU, 103307.2155@compuserve.com
"There are always three sides to every story:
the two sides told,
and the side untold."--my father

3866. HELP !! with adi AR-146 50w mobile rig

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: ian david robins <ian@elec.demon.co.uk>
Message-ID: <553034752wnr@elec.demon.co.uk>
Source record: 204149

can anybody tell me how to put an adi ar-146 mobile rig into extended RX

thanks ian (g7whj)

--

3867. FS: UHF SYNTHESIZED/SCANNING PORTABLE RADIOS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: pm3751s@acad.drake.edu
Message-ID: <1996Mar23.102704@acad.drake.edu>
Source record: 204150
Cross-posted to: rec.radio.cb,rec.radio.amateur.equipment

I have the following UHF Scanning HTs' FOR SALE:

(Please allow UPS COD/Shipping in addition to the prices)

HT #1 Bendix/King Mod #LPU4140 UHF 14 channel/Scanning HT. Covers approx. 440-512 MHz. Complete with 2 batteries, speaker mic (month old), belt clips (2), Rapid-Rate Desktop Charger (Mod#LAA0325), copy of programming manual, and 2 antennas (long and stubby UHF). Unit is in good cosmetic and working condition. This radio can be programmed by keypad (DTMF capable), cloning, or by computer. This is a great computer for multiple use, whether ham, gmrs, business/commercial, or for outdoor activity.

$550 for the whole package, including programming to your freqs if desired.

HT #2 Ericsson/GE PCS-Plus UHF 16 channel/Scanning HT. Covers 440-470 MHz. Complete with 2 batteries, Standard Rate Desk Charger, charger manual, radio user manual, original box (with serial # label), and blank product registration cards. Long UHF antenna comes with unit. Unit is in Excellent cosmetic and working condition. This radio is great for multiple use, whether it be ham, gmrs, business/commerical, or for outdoor activity.

$400 for the whole package.

If interested in any of the 2 HTs', please contact me at the following internet mail address:

pm3751s@dunix.drake.edu

--

3868. F.S. Motorola Mt-1000 (uhf)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: ZABU73C@prodigy.com
Message-ID: <4j1ii4$17f2@usenetp1.news.prodigy.com>
Source record: 204151

F.S. Motorola MT-1000 UHF. 99ch; 8watt; panic; digital; stubby;

Excellent cond. w/batt and clip. $475 + ship (if not
local)

Private sale. Please E-MAIL @:

s0231328@hawkmail.monmouth.edu

3869. Free New Swap Shop Service

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: dale@ix.entrepreneurs.net
Message-ID: <4j1ch9$nvu@news.magi.com>
Source record: 204152

The Amateur Market Place Online Announces
the Launch of Smart SwapNet

Stop hunting through Usenet rec.radio.swap and receive
a targeted list of ads directly to your email box every morning.
Advertisers: Directly target interested buyers.
Notify the buyers list when your item has been sold
and avoid unnecessary enquiries.
Buyers: Receive notification only when items of interest
to you are available.

The Smart SwapNet is a new free Email service that forwards
your FORSALE, WANTED, and TRADE advertisements to a list of
buyers interested in specific equipment brands.

Visit the Smart SwapNet at

http://www.entrepreneurs.net/dale/smart.htm

3870. Re: TEN-TEC Omni VI

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: username@interaccess.com
Message-ID: <username-2303961245140001@d232.nb.interaccess.com>
Source record: 204153

Bill,

I saw your posting and thought I'd throw in my two cents worth. First off, I'm not very familiar with most of the other recent rigs, other than a few hours at field day, etc., so I can't offer a direct comparison. It is worth noting that it's typically been compared to (and done quite well against) the TS-950.

Just over a year ago, I decided I would "update" my shack -- I've been using my Drake twins for a lot of years, and those blasted radios just refuse to quit and give me an excuse to buy new ones! I'm also an electrical engineer in the RF world, and receiver performance is especially important. I read all the reviews I could find on competitive radios, swallowed hard, and ordered the OMNI VI. It was a lot of things. Yes, I preferred to buy an American radio, but not at the expense of performance -- I also choose to drive German cars. Some of the other radios had a few more bells and whistles, but the OMNI has more than I will ever use. It seems less complicated -- for example, the passband tuning is simple and works very well. Others may use 2 or 3 controls to do the same thing. I also wanted a high-spec radio that would run on 12 volts.

The receiver is truly fantastic, especially in digging out weak signals VERY close to strong ones. Several times, I've worked an S2 station on CW, only to tune off and find a 40-over-9 station a couple of kHz away. The filters (all of them) are simply spectacular. Full break-in CW is one of Ten-Tec's big things, and it is faultless -- and quiet. It's a great SSB radio as well -- that DSP automatic notch filter really works -- on 40 meters,the broadcast stations' heterodynes simply disappear (too bad it can't get rid of their sidebands, too). You do have to remember to turn it off for CW though (yes, there is a LED indicator) -- it "changes" everything into "dits" -- that's one of those "cockpit errors" you make once. The manual notch filter is the first I've considered worth bothering with -- it works well and it's dead simple to tune. You don't have to read the manual to use the its features (especially important for those of us who occasionally ignore our radios for months at a time). I've used the OMNI in a lot of different situations - DXing, contesting, ragchewing, even portable running off the car battery, and it has never disappointed. I tried it on RTTY, and it worked just as advertised (you do need an external fan on the heat sink, but it will handle continuous "key-down" operation at full power without complaint). You can transmit into anything (or nothing), and not worry about permanent damage. It will put the whole 100 watts into a 3:1 VSWR (or worse) without folding back, and with no ill effects. It's not a small radio, but it is very light (aluminum chassis and no internal power supply).

The radio has performed flawlessly, and I haven't had to use their "legendary" support. They did send me a letter a couple of weeks ago, offering me an upgrade for the firmware -- not a fix, just a couple of new features they've added. It cost all of $15, and they sent out the EPROM chip yesterday. I'll replace it this afternoon -- an operation I expect to take five minutes, tops, including finding a screwdriver. They have made a couple of minor changes based on comments in magazine reviews. For example, the tuning rate (main and RIT/XIT) can be set, and the crystal oven is on whenever 12V is applied to eliminate 2-3 minutes of noticeble warm-up drift when the radio is switched on.

About the only negative thing I'd say about the radio is that it doesn't "look" quite as good as it is. It's solidly built, but in terms of styling it appears a bit on the Spartan side. The display isn't as sexy as some of the rigs with vacuum fluorescent displays (but it is BIG and readable) and the S-meter looks a bit "chintzy" (it isn't). The knobs could use some texture, and the case could use a bit of styling. All of these comments are cosmetic. Basically, I'd recommend the radio to anyone. It has the performance for contesting and DXing (it's a lot better radio than I am an operator). At the same time, its features don't get "in your face" and make it complicated for everyday rag-chewing. If you call the number in their ads, they'll send out a package of info. They have a web home page, but there's not much there yet.

If you have any specific questions, please feel free to email me. And no, I don't work for Ten-Tec (or know anyone who does), and have never set foot in Sevierville, Tennessee.

Vy 73,
Don K9DM

In article <4id9m4$k0g@news.liberty.com>, brannick@liberty.com (Bill Brannick) wrote:

> Would like to get some opinions as to how this rig stacks up against
> the other radios in its price class.. like the FT-990 or the TS-850. I
> would kinda like to support an US made product, as long as to compares
> favorably with the competition.

3871. FS: Motorola HT600 VHF

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: jospav@eworld.com
Message-ID: <4j1hrj$o5e@hp5.online.apple.com>
Source record: 204154

A friend of mine has a HT600 that he wants to sell. It is a 6 channel Mil Spec rated radio that will cover about 136-174 Mhz. Included is two batteries, a one hour charger, the radio, and the antenna. The radio is in excellent shape, and both batteries have only been used a few hours. Asking $250/offer. You can contact me through email or call Brian at (408)685-5398. He needs to sell this radio, and is willing to accept offers.

Thanks,

Josh

3872. Alinco DJ-G5 MODS Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: rod@venus.hili.com
Message-ID: <4j18pv$a9l@news.ios.com>
Source record: 204155
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

Does anyone have MODS for the Alinco DJ-G5 Dual Band HT?

Please Email any info.
Thank You

N2RVM
Email: rod@venus.hili.com

3873. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: Doctor Who <drwho@sinister.com>
Message-ID: <31548C17.6F65B43E@sinister.com>
Source record: 204156
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

Wendell Millman wrote:
>

> Must we keep this stuff going, as this SUBJECT looks realy bad everytime one
> goes to read this news group......lets drop the SUBJECT guys it looks bad.
>

You people are a bunch of pretentious old farts. So the guy gets a
little frustrated and says he accidently FUCKED UP his transmitter. Big
deal. That's the way alot of people really talk. The Internet is a
common meeting place, that is not censored (at least not yet) and if you
are going to get so bent out of shape over a little bit of profanity,
you are not going to be able to reap the advantages of the net. So get
real, okay? He's not really that bad...

-----------=?> Doctor Who <?=-----------

3874. Re: Problem with KENWOOD TH-28E

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: Darryl Collins <collinsd@newcomm.net>
Message-ID: <3153fca6.0@endeavor.newcomm.net>
Source record: 204157

lawson_j@annecy.enet.dec.com (Jonty Lawson) writes:
>
> Can anybody cast any light on a problem I have with a Kenwood TH-28E 2m set.
>
> I bought this to use here in France on 143.9875MHz, the frequency allocated to
> sports hang and para gliders. The symptom is that the squelch sometimes opens
> up even when set to minimum sensitivity. This occurs on certain specific
> frequencies separated by 1MHz (needless to say, 143.9875 is one of them).
>
> What seems to be happening is that the radio is picking up the radiations from
> its internal clocks. If you put it inside a metal box the problem increases
> rather than goes away, suggesting that it is indeed the source of the emission.
> Another 2m set held close to it also picks up on the same frequency.
>
> The distributer I bought it from has made it clear that I will have to sue him
> to get him to take it seriously. Kenwood in Paris have also indicated that they
> don't give a damn.
>
> Does anyone here have any suggestions? Is it reasonable that a $500 RxTx should
> be unusable on certain frequencies? Is this a known problem with this model or
> have I got a defective one.
>
> Anyone got any thoughts?
>
> Thanks,
> Jonty

3875. Re: Problem with KENWOOD TH-28E

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: Darryl Collins <collinsd@newcomm.net>
Message-ID: <3153fef1.0@endeavor.newcomm.net>
Source record: 204158

lawson_j@annecy.enet.dec.com (Jonty Lawson) writes:
>
> Can anybody cast any light on a problem I have with a Kenwood TH-28E 2m set.
>
> I bought this to use here in France on 143.9875MHz, the frequency allocated to
> sports hang and para gliders. The symptom is that the squelch sometimes opens
> up even when set to minimum sensitivity. This occurs on certain specific
> frequencies separated by 1MHz (needless to say, 143.9875 is one of them).
>
> What seems to be happening is that the radio is picking up the radiations from
> its internal clocks. If you put it inside a metal box the problem increases
> rather than goes away, suggesting that it is indeed the source of the emission.
> Another 2m set held close to it also picks up on the same frequency.
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> to get him to take it seriously. Kenwood in Paris have also indicated that they
> don't give a damn.
>
> Does anyone here have any suggestions? Is it reasonable that a $500 RxTx should
> be unusable on certain frequencies? Is this a known problem with this model or
> have I got a defective one.
>
> Anyone got any thoughts?
>
> Thanks,
> Jonty

Hello Jonty,
I have a TH28a and found that while band scanning it would stop on certain freqs
due to the "birdies". It seems that all wide banded recievers act like this and its
a trade-off for having the capabilities it has. You may also notice intermod interference
when connected to an outside antenna.
vo1fdc

3876. Re: Need Info on BC-348-R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: <>
Message-ID: <4j1k81$h8t@wagner.spc.videotron.ca>
Source record: 204159

In <4ipvj8$2or@linus.mitre.org>, "Forrest B. Snyder, Jr." <fbsnyder@mitre.org> writes:
>I recently acquired a command receiver, type BC-348-R without any tech
>manuals, prints, or other documentation. Any idea where I can acquire
>said documentation? Documentation purchase, although distasteful, is an
>option.
>
>BTW, this is a real solid receiver that I intend to use as the station
>receiver for my nostalgia station. I would be interesting in hearing from
>anyone who is using or has used a BC-348 in a similar manner.
>
>Please reply by eMail to fbsnyder@mitre.org
>
>Thanks in advance for your help.
>
>Forrest Snyder
>N4UTY
>

This has 8 or 9 octal tubes in a big black airtight box that gets QUITE warm in an hour or two of actual use. I had one I used for SWLing; I made a line operated supply to replace the original dynamotor. It is very solid mechanically, but would drift some 20 kHz while warming up. I would say you would need an external I.F. and detectors for SSB or CW modern use, and also to fix the problem of the 915 kHz IF being much too wide for ham use. I wanted tu convert it to FETs, but a visiting student fell in love with it and I sold it to him... with all the info!

Pierre VE2BRD.

3877. Re: TEN-TEC Omni VI

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-23 00:00:00 UTC
From: dmills@interaccess.com
Message-ID: <dmills-2303961513490001@d224.nb.interaccess.com>
Source record: 204160

Bill,

Earlier I responded to your posting regarding the OMNI VI. Unfortunately, I didn't have my newsreader set up properly and I suspect you have no way to determine where the message came from. That should be fixed in this message; my correct email address is: dmills@interaccess.com

Vy 73,
Don K9DM

3878. QRO HF-2000 Amplifier

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: K5ESW@nando.net
Message-ID: <4j3j6o$p9k@castle.nando.net>
Source record: 204011

I am interested in the QRO HF-2000 amplifier. Someone saw it at the Charlotte hamfest and said it was very quiet (fan and QSK) and very well-built. It is an instant-on amp using two 3-500C tubes. Price is $1895 with vacuum relay QSK.

The specs list the output power as 800w RTTY, 1250w CW, and 1500w SSB. Drive power: 130 watts for 1,500 watts.

I have seen a positive review of the amp in The DX Magazine by W1ZK. The review mentions the quiet, 49 CFM, muffin fan. It quotes the designer as saying the fan is sufficient for full-power SSB and 1200w (80%) CW operation - you can place a low-speed muffin fan on top of the amp to help draw out hot air if you anticipate higher levels of operation.

Does anyone have experience with this amp?
I am interested in comments from users and what output you get on different bands with 100 watts drive.

Paul Ferguson
K5ESW@nando.net

3879. TEN-TEC POWER-MITE;HELP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: robertm@ios.com
Message-ID: <4j4b76$4ph@news.ios.com>
Source record: 204012

I HAVE JUST ACQUIRED A TEN-TEC POWER MITE (20/40) QRP ROG.:
ANYONE HAVE ANY INFO ABOUT THIS RIG?:
THANKS, BOB, WA2EAW:

3880. Impressions Kenwood TS-850

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: woraml@WorldLink.CA
Message-ID: <9603241416.AA10582@beacon.WorldLink.ca>
Source record: 204013

I would like to receive any comments on the Kenwood TS-850. Has anyone had problems with it? How does it operate on RTTY? I have heard there are feedback problems with it and the MC-80 microphone. True? Solution? Thanks for your comments. 73 Larry VE3WLN.
Wherever you go in the world, you just have
to say you're Canadian and people laugh.
John Candy 1988

3881. Motorola HT220 to 220Mhz conversion (anyone working on?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: Brian Dunlap <bdunlap@ix.netcom.com>
Message-ID: <4j4f5s$ars@dfw-ixnews4.ix.netcom.com>
Source record: 204014

Anyone working on modifying a HT220 to work on 220mhz?
My friend and I are working on this conversion as a cheap
solution for 220 usage.

Up till now all we have accomplished is getting it in band by
reducing the value of the capacitors in the network by half.
But the power output loss is great and leaves its output at
about a half a watt!

Anyone?

Brian N9ROV
bdunlap@ix.netcom.com

3882. Re: If you don't like it!...(Was: @!#$, my FM-25 is @#&%$! What to do?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: dpm3@dpm3.seanet.com
Message-ID: <dpm3.1004.002CA932@dpm3.seanet.com>
Source record: 204015
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

In article "C. Wheeler" <cwheeler@ccnet.com> writes:

>That "offensive" subject line, and thread will never go away if everyone
>keeps bitching about it.

Absolutely right! If you are REALLY offended, send a copy of the offending post and subject line to "postmaster@ offending-party's-ISP", detailing your complaints in a concise and rational manner. Point out that the newsgroup in question is one in which such stuff is wholly unexpected and in which young hobbyists participate. With the threat of government involvement on the net, no-one needs some jerk inviting trouble and the ISP may be even more interested. and ask his assistance in correcting the problem. Most ISP's will crack down on an offending user who generates any volume of complaints at all. If you want to get under the offender's skin, just give him a cc of the e-mail complaint to the ISP; it would be the courteous thing to do anyway. Anotehr tactic 9which I do not endorse) is to e-mail back to the offender a copy of his offensive post. If enough unhappy newsgroup participants do this (some guys do it over and over and over and ...) his mailbox will get full REAL soon. But, as I said, THAT WOULD BE WRONG!!!

Dan Morisseau
N7ZXL
47 17' 16"N / 122 11' 40"W
Elevation: 300'

3883. FS MILITARY COMM SHELTER UNUSED REAL NICE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: louis@postoffice.ptd.net
Message-ID: <4j2q4b$1rm@ns2.ptd.net>
Source record: 204016

I acquired some military shelters that I had planed a use for, but I did not ever see the project through. I
am selling these shelters and thought you might like to check out a few photos of them. If you click on the thumb
nail you can see the larger picture in 800 x 600 resolution. The shelters are rated to block Rf frequencies
up to, I believe, 1.3GHz and at 120db of attenuation. These would make Ideal radio repair rooms. The construction of
the units are double aluminum clad over a foam core with an outer kevlar skin (Bullet resistant!). In pictures 8 and 9 you
will notice that the shelter can be used with a 40 foot Wil-Burt pneumatic 9 section mast. I am selling these masts separately
if desired. If you would like the shelter with out the mast I can reduce the price some what. These masts are like the
ones on the news vans, except that these are built to Mil Spec and the original cost to the defense contractor was $20,000 each.
Don't worry that is not my asking price.

I will sell you the mast separately for $2,500
I am asking $5,000 for a shelter with a mast, and I am asking $3,500 for a Shelter with out the mast.
If anyone would like more details, I can be reached at (717) 629-7212 ask for Louis or E-mail louis@postoffice.ptd.net

To see photos of these shelters use your web brouser and go to this URL

http://home.ptd.net/~louis/forsale/forsale.html

3884. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: nrj@cdx.net
Message-ID: <4j4cei$j3h@news.bellglobal.com>
Source record: 204017
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

root <root@tnos.kq4zp.us> wrote:

My My MY TWO FCC Licensed Hams assisting illegal stations.

The last tinme I looked it was alt.radio.pirate and not

alt..Im.waling.around.with.a.Raytheon.pocket.protector.and

.a.handy.talking.growing.out.of.my.head.and.have.nothing

constructive.to.discuss.but.signal.reports.

You guys sound like ARRL snobs, so stick with the Amatuer

groups.

I though the original FM25 post was perfectly O.K. so when

is omeone going to actually help this guy??

>On Sat, 23 Mar 1996, Doctor Who wrote:

>> Wendell Millman wrote:

>> > Must we keep this stuff going, as this SUBJECT looks realy bad everytime one

>> > goes to read this news group......lets drop the SUBJECT guys it looks bad.

>> You people are a bunch of pretentious old farts. So the guy gets a

>> little frustrated and says he accidently FUCKED UP his transmitter. Big
>> deal. That's the way alot of people really talk. The Internet is a
>> common meeting place, that is not censored (at least not yet) and if you
>> are going to get so bent out of shape over a little bit of profanity,
>> you are not going to be able to reap the advantages of the net. So get
>> real, okay? He's not really that bad...

If they were JUST pretentious old farts they wouldn't be as

dangerous. At least one is a gun loving right wing fanatic

old fart.

>> -----------=?> Doctor Who <?=-----------

>Good reasons to keep the content of posts civil are as follows...
>1. Amateur Radio newsgroups end up in many Schools of all levels.

This is alt.radio .pirate

>2. Your mothers house is uncensored and I'll bet you don't talk like that
> to her.

Depends on whose mother (or was that Mutha) you're talking

about

>3. It is offensive.
Guess you don't get to the movies much

>4. Many Internet gateway sysops LIKE MYSELF have to spend an hour or more

> clearing

is that clearing or censoring

> that trash (on cross postings also!) before posting the news on

> packet.

>Thanks for using restraint.

>Ed Clark, KQ4ZP
>cn1290@coastalnet.com

3885. Re: FT-530's....Why so cheap?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: mitch@primenet.com
Message-ID: <31556533.8780910@news.primenet.com>
Source record: 204018

jdonimi@nv2.uswnvg.com (Jeremy A. Donimirski) wrote:

>RICKCRIDER (rickcrider@aol.com) wrote:
>: Hello all:
>: I've noticed that the prices on the Yaesu FT-530 HT's have rocketed
>: downward......
>: Seen them advertised as low as $289.00, brand new. A major dealer at a
>: recent hamfest was selling them as low as $259.00, brand new. What
>: gives.....are they being discontinued? What is planned for their
>: replacement? Heck, at these prices I'm considering buying a couple just
>: to throw in the drawer as spares. Thanks.
>: Cordially:
>: Rick Crider
>: KD4FXA
>: Monroe NC

Rick and Jeremy,
The reason that Yaesu is selling the FT-530 so cheap is, (1) They are
discontinuing this model, (2) they are comming out with a new dual
band HT, model FT50R. This new radio will utilize the FT-10/40
accessories.
73's
Bill
N0EVG

>
>The replacement for the FT-530 I thought is the FT-51R. Yaesu is
>selling both at once, for some reason. I love my FT-530, but some of
>the programming of unusual things is impossible to remember for me and I
>have to look it up in the manual. Other things are obvious and
>convenient to program. I also have two different ICOM handhelds. They are all
>good products in my opinion, but the $289 price for the FT-530 is really
>spectacular for such a fine radio!!!
>
>Jeremy WA7YGB
>

3886. FS: Power Supply & VLF Convertor

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: bailey@skipjack.net
Message-ID: <4j3icg$4fe@shore4.intercom.net>
Source record: 204019

I have the following items for sale:

1. Astron 20-A linear power supply. 16 Amps continuous.
13.8 VDC. $75

2. Datong VLF Convertor...converts incoming VLF signals
to frequencies 28 Mhz or higher...For easy tuning on
normal communications receivers. $50

All the above items work perfectly...I believe these are fair
prices, so you pay shipping.

Steve

3887. Re: Alinco DR-150T or Ramsey Kit?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: "Richard R. Fasi"
Message-ID: <4j40ap$3ht@miwok.nbn.com>
Source record: 204020

Buy the Alinco if you want to get into the repeaters. I built a Ramsey kit several years ago. The rx sensitivity was poor, my computer and TNC interfered with it big time. I enjoyed building the kit - it makes a FAIR packet radio (if your TNC doesn't get into it.) Better yet buy a used mobile on the net. You can get a fairly modern one in the $200 + range.
73 de Dick KM6PA

3888. Re: fw: DSP-232 query

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: EJVJ40A@prodigy.com
Message-ID: <4j3kfp$20ps@usenetw1.news.prodigy.com>
Source record: 204021

Dave

I bought the DSP 232 back in DEC 95. Just receive it last saturday. I made
many inquiries as to when it will arrive. I found the same situation too.

Although I have only had this for a week I can tell you that if I had to
do it again I would never had sold my KAM PLUS. I miss the dual ports and it
does not seem to be as (sensitive ?) as the KAM PLUS. Really disappointed.

73 GEORGE

N1JGE

3889. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: kd1nr@anomaly.ideamation.com
Message-ID: <4j50bm$2ih@anomaly.ideamation.com>
Source record: 204022
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

In article <Pine.LNX.3.91.960323223025.3856A-100000@tnos.kq4zp.us>,
root <cn1290@abaco.coastalnet.com> wrote:
>>
>Good reasons to keep the content of posts civil are as follows...
>1. Amateur Radio newsgroups end up in many Schools of all levels.

While this might be true, also remember that people have control of the
computers at schools.

>2. Your mothers house is uncensored and I'll bet you don't talk like that
> to her.

In my case - that's not true.

>3. It is offensive.

Again in my case I don't find it THAT offensive.

>4. Many Internet gateway sysops LIKE MYSELF have to spend an hour or more
> clearing that trash (on cross postings also!) before posting the news on
> packet.

So why not stop gatewaying? It's much easier.
>

Tony

>

--
== Tony Pelliccio, KD1NR
== As offensive as I wanna be.
== kd1nr@anomaly.ideamation.com

3890. Re: TEN-TEC Omni VI

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: arl00@juts.ccc.amdahl.com
Message-ID: <Dos1tn.GCK@ccc.amdahl.com>
Source record: 204023

> In article <4id9m4$k0g@news.liberty.com>, brannick@liberty.com (Bill
> Brannick) wrote:
>
> > Would like to get some opinions as to how this rig stacks up against
> > the other radios in its price class.. like the FT-990 or the TS-850. I
> > would kinda like to support an US made product, as long as to compares
> > favorably with the competition.

I sold my cherry Kenwood TS-850SAT last October when a lightly used Omni VI became available to me. Here's a list of some pros and cons compared to my 850, based on my experience to date.

Cons:

1. No built-in CW or voice recorder available (CW recorder was standard on 850, voice recorder was optional). Nice during contests. Of couse you can automate using CT for CW and your Soundblaster for voice if you have a computer.

2. Ham Bands Only - No general coverage (ho-hum) and CANNOT be modded for MARS operation (my only big disapointment).

3. Cosmetic appearance is, well, very "different" than the slick rice boxes. IMHO, looks like the product of an professional homebrewer on steroids. After an awkward first month, I decided I love the look. Big, but surprisingly light.

4. No built-in antenna tuner option (not really a problem, since the finals are more forgiving than anything else I've used. The tuner in my Kenwood 850S/AT was a joke. I bought a used 2KW Dentron for when I need to tune stepladders and rain gutters.

5. Audio quality of the Omni VI is good but I have never had anyone tell me I had "great audio", which used to happen fairly frequently with the Kenwood and same mikes. No "on-air" monitor function.

6. Menu system for system options requires a lot of key presses for some frequently changed parameters. I like to use different tuning rates for CW and Phone...the tuning speed option is the very last in the menu. They should have put a fast/slow button on the rig like the Paragon.

7. Have managed to lock up the rig two times in six months under computer control, requiring a full system reset.

8. For my money, the built-in speaker is awful...distorts badly at high volume levels (more than the Kenwood). Hooked it up to a $10 8 inch external speaker, which eliminated the issue. The matching power supply/speaker has the same

tiny speaker in it. If you use cans most of the time, no big deal.

Pros:

1. Easier to operate than any other rig I have owned.

2. Best dynamic blocking factor I have ever experienced (awesome weak signal performance).

3. Great service...I have called to ask some questions a few times and have gotten a tech immediately each time...no irritating voice mail system either. Very reasonable upgrade policies and the rig is laid out open enough that you can actually work on it yourself if you are so inclined.

4. Built-in computer interface (compatible with Icom CI-V system). Since my 2-meter all-mode rig is an ICOM I can control both the Omni VI and my 275H (plus 2 more ICI-V compatible rigs) with a single ICOM CT-17 interface. Way cool!

4. Excellent filtering - I can count the times I've turned on my Timewave DSP-59+ since I got the Omni on one hand.

5. American made - 'nuff said

In summary, best radio I've ever used. Won't even consider parting with it unless they come out with an Omni VII some day, and even then it's only maybe.

Never had much luck at sweeps until I ran the Omni last November. Under so-so conditions with a modest station (barefoot Omni, Cushcraft A3S at 35 feet) I was one short (North Dakota - go figure) of a sweep with only moderate effort. I credit the Omni's weak signal performance with much of that success.

If you're looking for a rig with more bells and whistles than a Mississippi riverboat you can look elsewhere. I you want the best raw performance in an amateur band radio for the buck buy a Ten Tec Omni VI and don't look back.

73s
Arlan KG8OW

3891. Re: How do you like your Yaesu FT-3000M?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: v_chan@news.hk.super.net
Message-ID: <4j489j$b8b@tst.hk.super.net>
Source record: 204024

Hi Dale,
Is 3000M the new model after 2500M? I have a 2500M and I am happy. What
is new in the 3000M, briefly? Please email reply. Thanks
73
de Simon YR2YRD

Dalevanbat (dalevanbat@aol.com) wrote:
: David,
: Just got the 3000M 2 days ago. It takes some getting used to to program
: but after 4 cups of coffee it was easy. So far I like it. I'll have more
: thoughts on it in a couple weeks. It does have expanded rx. 110-180,
: 300-520, 800-999 however cell is blocked. ARS is nice. 70 watts high is
: claimed, mine is almost 90 on high, 10 low. It has 2 cooling fans on fins
: instead of one. From mic you can control DTMF,tuning,menu programming,
: backlight,sever user programmable features, power levels, VFO.
: Given a couple of weeks to get used to it maybe I'll feel more comfortable
: and have a better idea of how well it performs.

: Dale N3WUH

3892. Re: Impressions Kenwood TS-850

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: AC6V <ac6v@ix.netcom.com>
Message-ID: <4j3phr$5gg@ixnews3.ix.netcom.com>
Source record: 204025

woraml@WorldLink.CA (Larry Woram) wrote:
>I would like to receive any comments on the Kenwood TS-850. Has anyone had
>problems with it? How does it operate on RTTY? I have heard there are
>feedback problems with it and the MC-80 microphone. True? Solution? Thanks
>for your comments. 73 Larry VE3WLN.
>Wherever you go in the world, you just have
>to say you're Canadian and people laugh.
>John Candy 1988
>
Hi Larry. I have owned a TS-850SAT for several years and have had no
problems with the rig other than having to readjust the master oscillator
periodically. Kenwood offers a pricey Hi stability oscillator though.
Features I particularly like are as follows:

Quick Memo for temporary storage of frequencies -- great for DXing and
arranging QSYing.
CW Reverse - works well in CW pileups
RF Power Control -- mine reduces power to 5 to 6 Watts so I can play QRP
(106 QRP countries worked with TS-850 and an R5)
Speech Processor and High Boost really pumps up the highs for busting
pileups (with MC-80 Mic).
Allows the use of the Kenwood Bandscope which I find very useful (RTTY
Tuning and spotting band activity and checking TX output)
Auto Tuner works well. Won't load a wet noodle but surprising what it will
load up into.
Excellent audio reports.
Tune button for zero beating is a nice feature.
Fine button for critical tuning i.e., Digital signals.

My voice recorder module works well for contesting.

RE: The feedback problem on the digital mode. I first used the audio
inputs on the rear panel and experienced feedback problems, so I feed the
AEA 232MBX FSK outputs to the FSK inputs of the TS-850SAT and have no
feedback problems with that configuration. Got to compensate for frequency
readout however.

The TS-850SAT has BIG final stages and it will run all day at 100 Watts
without over-heating. Some have adjusted the output up to 200 Watts but I
would not recommend same. Had to tweak mine slightly to get 100 Watts out
on 10 Meters. Easy to do.

Allows AM and FM operation -- the AM is so so. FM works well.
The TF-Set button is great for working a split pileup - allows u to listen
momentarily to the freq u will TX on.
The RF Power Control is handy for adjusting the drive to a Linear.

All in all a great rig, but I am sure the Icom, Ten-Tech, Yaseu and others are excellent as well. Ford, Chevy, Plymouth -- take ur choice. Go to a buddies shack and operate them for a coupla hours -- see if the rig likes you and vice versa.

Some "entry" level radios have no RF Gain control -- I won't be without one. I usually set the RF Gain down a bit and the audio gain up -- helps the subjective noise level. Old CW ops trick.

Kenwood puts the RF and AF Gain controls on the right hand side and I'm right handed. Others are left handed radios HI HI. A minor point.

With the advent of the DSP Radios -- the TS-850 is not the latest in technology. Not sure what DSP Radio I would buy until I could operate and check them all out. Was not overly impressed with the DSP stuff I have tried but haven't used them extensively.

Anyway some impressions from a user.

Good luck
73
Rod

--
****
Hark! I Have Hurled My Words To The Far Reaches Of The Earth!
What King Of Old Could Do Thus ? --- AC6V
****
A Man May Know Of The World Without Leaving The Shelter Of His
Own Home!
Loa-Tsze
****

3893. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4j3skg$jh2@newsbf02.news.aol.com>
Source record: 204026

In article <4j25fi$e5c@news.pacifier.com>, llg@pacifier.com (Lonnie)
writes:

>
>Does anyone know if the MFJ Artificial Ground really works. I've
>followed the directions to the tee and can't get the RF Ground Current
>meter to come off the peg. I'm starting to wonder if it's really worth
>having. My problem is, my HF station is on the second story of my home.
>So a short ground is not possible. I was told that if you connect the
>ground to this unit that it can be tuned so that RF gound would appear
>to be right next to the radio. Anyone's thoughts please...
>
>73's
>Lonnie

Reduce the power Lonnie to peak the meter. All the Artificial ground does
is reduce the reactance of the ground lead. Once it's tuned for maximum
meter reading, you're all set. I *think* there is a pot inside that sets
the sensitivity, you may ask them. If there is, turn it down.

Even if you have a "balanced" antenna, you still may have RF problems.
Thay can occur when the feedline isn't properly installed, such as coax
feeding a dipole.

In that case, a CHOKE TYPE balun will help things. The choke balun can be
as simple as several turns of coax in a single layer winding several
inches in diameter to as complicated as a string of ferrite beads over
the cable. It will help a great deal with RF in the shack.

What type of antenna are you using?

73 Tom

3894. Re: Kenwood TR-2500

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: mitch@primenet.com
Message-ID: <315568f7.9744960@news.primenet.com>
Source record: 204027

ub075@freenet.Victoria.BC.CA (Ryan A. Perkins) wrote:

>
>
>My dad has aquired a secondhand Kenwood TR-2500 handheld 2m FM Transeiver.
>It came with a buch of stuff, car adapter, AC adapter, hand mike etc..
>
>The problem is there is no manual. Both him and I have played with the
>radio for a fair while, with very little success on making it do anything
>more than the basics.
>
>My dad claims to have attempted to contact Kenwood. If anyone has a
>source for manuals, or is even willing to provide some very basic
>operating instructions, let me know.
>
>Also: a source for batteries would be nice. All of the rechargeables
>that came with it would not hold a charge. A hack was made, using a battery
>case, and a bunch of AA's, but the proper rechargables would be nice.
>
>Please EMail, as I don't read this group often. If intrest is expressed
>in what I found, I will summarize.
>
>Thank you.
>--
> Ryan Perkins - 1:340/44 | I feel that suicide jumpers see a glimpse of
>ub075@freenet.victoria.bc.ca | sanity as they throw themselves from the ledge.
>Ask for PGP 2.6.2 public key | That's why they scream all the way down.
> 8C5357 : 9F FF BA 93 54 D5 18 78 4B 1E DA GC E3 4E

Ryan,
Since you are surfing the internet, search for Ham Radio Outlet home
page. There, you will fond ArtSci info. ArtSci publishes a book called
"Lost Users Manual". It has alot of good info in it. It should show
you how to operate your radio. It sells for $19.95.
73's
Bill
N0EVG

3895. Re: Best Rig for SWL and Ham?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: dcollin@connix.com
Message-ID: <4j3thg$l12@comet.connix.com>
Source record: 204028

aust@gandalf.sp.TRw.COM (Mike Aust) wrote:

>I have a IC-706 and a FT-900 and won't let go of my FT-900. But a few
>hams have been trading in the FT-900 for the smaller IC-706.

I agree with all you say ... and for HF mobiling, it's hard to beat
the easy to read and use interface of the FT-900 ... none of that
multiple function, multi-menu b.s. like the 706 ... I expect to keep
my 900 a very long time ...

3896. FT-51r Reviews

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: richard@j51.com
Message-ID: <4j4d49$ra1@tzlink.j51.com>
Source record: 204029

Hi

I am Interested in the yeasu FT-51r and just wanted to know how other Ham
liked the rig.

Thanks and 73,
Jon N2XFZ

+---+
|o WWW: http://www.j51.com/~richard Email: richard@j51.com o|
| Amateur Packet : N2XFZ@W2DMC.#ENY.NY.USA.NA mkfr00c@prodigy.com |
|o TCP/IP : n2xfz@n2xfz.ampr.org [44.68.48.156] o|
+---+

3897. Re: PRO-2035 HELP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: llg@pacifier.com
Message-ID: <4j43s9$oru@news.pacifier.com>
Source record: 204030

There is no way of getting around storing the same frequency over and over
when your in the AUTO-store feature. The main difference between the 2035 and
the 2042 is the 2042 corrects the problem of storing the same frequency over
and over again.
There may be some other minor differences but this is the key one as far as
I'm concerned.

Lonnie

In article <4j2rfj$lcn@coranto.ucs.mun.ca>, sba3020@InfoNET.st-johns.nf.ca
says...
>
>I posted about this before but got no replies but I have a
>PRO-2035 and the AUTO-store feature keeps storing the same
>frequency over and over instead of skipping it if it find it again.
>
>Am I doing something wrong or is this a problem? Is there away
>around it or some sort of fix for it besides buying a OS-535
>computer interface?
>
>Anyone know any secrets about this scanner?
>
>What is the difference between this 2035 and the 2042?
>

3898. Re: TEN-TEC Omni VI

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <DosDC0.CK7@iglou.com>
Source record: 204031

: If you're looking for a rig with more bells and whistles than a Mississippi
: riverboat you can look elsewhere. I you want the best raw performance in an
: amateur band radio for the buck buy a Ten Tec Omni VI and don't look back.

Mann....!!! That was good....pant, pant,....where's my checkbook?
Hmmmm. 30 day money back guarantee??? How can I loose?
Thanks.

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

3899. Yeasu Ft-729 Mods wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: v_chan@news.hk.super.net
Message-ID: <4j490v$b8b@tst.hk.super.net>
Source record: 204032

Hi netter,
Cound someone advise how to expand frequency ranges for the Yeasu
FT-729 and FT-2500M? My FT-729 used to have extended receive range when
I brough it. Borrowed to someone and seems to have accidentially reset
it. It now loss all programmed frequency memory and cannot receive on the
800 to 900 MHz band. Any help is apprecaited. Please email reply.
Thanks in advance
73
Simon VR2YRD

3900. WANTED: Yeasu FT8500 mods (if any!)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: Brian Dunlap <bdunlap@ix.netcom.com>
Message-ID: <4j4ers$ars@dfw-ixnews4.ix.netcom.com>
Source record: 204033

Looking for FT8500 mods.

I've pulled mine appart but have not yet looked under the faceplate, I think if there are any answers, they are probably there!

Thanx de Brian N9ROV

3901. Re: HT Dual-Band Amp vs. Dual-Band Mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: "C. Wheeler" <cwheeler@ccnet.com>
Message-ID: <4j4gvp$783@ccnet2.ccnet.com>
Source record: 204034
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>In article <lui-2103962251280001@192.0.2.1> lui@netcom.com (Stephen Lui) writes:

[snip]

>>I like all of the features of my HT and I probably have to buy something
>>like a Yaesu FT-8500 ($680) to get comparable features (alphanumerics are
>>high on my priority list). I like the ICOM IC-2000H ($300), but it is only
>>a 2M radio.
>
>Ouch. Yes, if bells and whistles are more important than solid
>communications capabilities, you're going to have to spend a ton
>on a mobile rig. But if you're more interested in good communications
>performance, there are alternatives which will work much better than
>a HT and an amp, while not costing more than the combination of a
>HT and an amp. The Yaesu FT-8500 is actually a pretty good ham rig,
>despite the bells and whistles, but a Motorola Mitrek would be better,
>and cost less than $100 (or a MIcor for $50, or a GE Mastr II for $75).
>With the change, you could also buy a scanner if you just have to have
>that capability.

C'mon Gary! The suggestions you have given here are 180 degrees from what Stephen is looking for. You think you're helping?

Sure you can buy a Micor for $50. But then you are limited to the channels you have put in it. And elements will most likely cost you at least $50 a set. And since I have never seen any of those radios with "dual band" features, he's gonna need two (no room left in the trunk for luggage).

I agree that alphanumeric displays and other bells and whistles are luxury items that should come second to performance - and even then, I question some of their real value. But I think that "solid communications" can be had for $400 in an amateur rig. You also get versatility that you don't get from a commercial rig. But then for $200, this guy might get what he wants with an amp - and depending on how he installs, it could be clean, neat and easy to use.

IMO - About the only thing you gain by going to a Micor/Mitrek/Mastr type of radio is ruggedness. But most hams treat their radios with more care than the average refinery/pipeline/contruction worker, so I would go with frequency agility, power control, ect. My only use for commercial gear in ham radio is fixed stuff - repeaters, etc. - they're good for that.

73 Curtis

3902. FOR SALE AOR-1000XLT Scanner/Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: dashacker@aol.com
Message-ID: <4j4gdg$qbq@newsbf02.news.aol.com>
Source record: 204035

AOR-1000XLT Super Scanner/Radio
Pre- Cellular Ban Version
Freq. Range; 500khz to 1300mhz Continuous Scanning
1000 Memory
Modes: AM-FM-WFM
This is a great chance to get a radio that does not require a special converter, or a custom internal modification to restore that censored 800mhz band... Not that anyone really listens to that band.<g>
The radio is like new-mint-excellent condition. Very little actual use. Would prefer someone from the Atlanta area, that way they can see it, touch it... smell it if they like. Just so you know that your getting a radio that is in new condition at a fair price. But, If not Atlanta area. I will at least ship this radio to you 2nd day, that way you won't have to wait to use this great pup.

You ask, if it's such a great radio. Then why am I selling it? Courtesy of Blue Cross/Blue Shield HMO, I have some mounting medical bills that have to be paid... like really soon!

What I need to get is about $350 for this radio, so if your interested and can help out. Please let me know. Thanks

btw, this unit has all the original accs. and the box, all in new condition... that you could place it on a shelf an re-sale it?

DasHACKER@AOL.Com (Thom)

3903. YAESU FT-8500, FT-3000M

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: kham@halcyon.com
Message-ID: <kham-2403961408350001@blv-pm3-ip8.halcyon.com>
Source record: 204036

Hello, all. After a number of conversations with Yaesu I have
learned the following:

1. Both of these rigs are Mil Spec
2. Both incorporate the Advance track tuning, or as their techs called
it, Tuned front end.

I am left with the following questions:

RE: The FT-8500 and the FT-3000M

1. How is intermod resistance?
2. How easy/hard is the auto dial to use?
3. Just how well does that Smart Scarch work (3000 only)?
4. How much and what can you control the rig from the MH-39 , MH-36 mike?
5. Overall, how would you rate the rig?

TNX de AB7FV, Dave

3904. Re: Seeking Power mobile antenna raise/lower mounting.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: Brian Dunlap <bdunlap@ix.netcom.com>
Message-ID: <4j4fev$ars@dfw-ixnews4.ix.netcom.com>
Source record: 204037
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

A friend of mine has mentioned that Motorola still does or used
to manufacture a power Tx/Rx antenna for mobile installation!

de Brian N9ROV

3905. T1850 Laptop For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: dashacker@aol.com
Message-ID: <4j4k2e$rog@newsbf02.news.aol.com>
Source record: 204038

```
Toshiba Satellite 1850 Series
386/25 Laptop Computer
Math Co-Processor
4meg RAM
14.4 Fax/Modem
Logitech Trackball
120+Meg Harddrive
3.5 in/1.44Meg Floppy
Carry Case
and all the original toshiba manuals.

Preloaded Software
MS-DOS 6.22
Windows 3.11 for Workgroups
Visual Basic 3.0
MS-Word for Windows
FaxWorks
SmartCOM
and other util. type programs.
I can add C/C++ 7.0 if requested!
```

Battery still holds up for 2+ hours of use. Unit
has always been cased and is in mint/excellent
condition. I Don't want to sell. But, I must to pay
medical bills.. thanks to Blue Cross/Blue Shield HMO.
((Atlanta GA area)) I will ship this item to you VIA
2nd day.

```
The first $725 takes it...
```

3906. Need Info on Trionyx tr-1000

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: Hank <wb4exq@scott.net>
Message-ID: <NEWTNews.827713931.31437.wb4exq@wb4exq.scott.net>
Source record: 204039

I have a TRIONYX TR-1000 Freq counter.

I have been unable to find the mfgr - TRIONYX ind.
Does anyone know where I could get manuals for this
equipment, or who and where the manufactureer is.

Thanks es 73,
Hank <wb4exq@scott.net>

3907. WTB: Drake VFO 2NT-VFO ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: DKight@gnn.com
Message-ID: <4j4rlu$r2q@news-e2b.gnn.com>
Source record: 204040

Wanted: VFO that matches Drake 2NT xmtr
****
Dale Kight NH6VR 3231 NW 50th St. #232 Oklahoma City, Ok. 73112
E-mail: dkight@gnn.com Phone 405-942-3247 Pager 405-781-8292

Looking for:
1. Hallicrafters SX-140 Rcvr
2. Lafayette HE-30 Rcvr
****

3908. Problem (?) with Heil microphone

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: "usao6ret@erols.com" <usao6ret@erols.com>
Message-ID: <31562836.4B29@erols.com>
Source record: 204041

I treated myself and My ICOM 729 to a Heil headset with boom mic using the HC-5 element. ICOM uses electret condenser mikes that appear to have a pre-amp in the base while the Heil unit is a crystal unit that has no pre-amp.
To get 100 watts out of my rig, I hav to run the mike gain WAY UP HIGH. Anyone got any tips? I really like the headset as I do a lot of CW operating and the bom mic makes it handy but I am concerned at the high mike gain I'm running.
Am thinking about building a small pre-amp to put between the Heil and the ICOM.

3909. Re: FT-51r Reviews

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: "usao6ret@erols.com" <usao6ret@erols.com>
Message-ID: <315628F9.4015@erols.com>
Source record: 204042

J. Miner wrote:
>
> Hi
>
> I am Interested in the yeasu FT-51r and just wanted to know how other Ham
> liked the rig.
>
> Thanks and 73,
> Jon N2XFZ
> +--+
> |o WWW: http://www.j51.com/~richard Email: richard@j51.com o|
> | Amateur Packet : N2XFZ@W2DMC.#ENY.NY.USA.NA mkfr00c@prodigy.com |
> |o TCP/IP : n2xfz@n2xfz.ampr.org [44.68.48.156] o|
> +--+
I have the FT-11 which is the 2-meter only version. I like it. I also
have the Yaesu FT-470 which is pretty universally considered to be a fine
rig. The keypad on the FT-11/FT-52 is like the FT-470 and, as such, it
is easy to use. The keypad is close ot normal size so I find that I
don't fat-finger the keys as I have done on other rigs where the keypad
is tiny. Also, the ADMS-1 software that lets you program the thing from
your computer is slick. Power is a little low but and the small antenna
could use some help. Of course, if you want to work DX on 2 and 440, you
shouldn't get a handheld.
Bottom line: I like my FT-470 and my FT-11; I suspect you would find the
FT-51 a good piece of equipment.

3910. Re: Best Rig for SWL and Ham?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: Richard Long Island NY <ru@i-2000.com>
Message-ID: <3155FD6C.3460@i-2000.com>
Source record: 204043

Not having the good fortune to have had hands on experience with all the modern radios availible today I won't even try to say which one is "Best" but I must say I am impressed by my JST-245 (http://www.gilfer.com/jrc245.htm) I use it primarily for shortwave listening. K2KOQ
--
ru@i-2000.com
http://www.i2.i-2000.com/~ru/

3911. AV3 Antenna Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: kj4uo@aol.com
Message-ID: <4j51mb$3iq@newsbf02.news.aol.com>
Source record: 204044

I am trying to rebuild a AV-3, I need the measurements on the sections between the base and the first trap (10M), the measurement between the two traps, and the measurement from the second trap to the tip.

Can anyone help?

Paul
KJ4UO

3912. WTB: antique, tube type, Pilot Brand radios

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: bmoore2nd@aol.com
Message-ID: <4j578m$629@newsbf02.news.aol.com>
Source record: 204045

Hello

I am a private collector willing to pay a very high price for Pilot radios that were produced on the east coast and in England. I can pay finders fees and locators fees for these radios if you know of any. They can be in any condition, I can restore them. In addition, I am looking for any related item, Pilot tubes and literature. Shipping from anywhere no problem. Thanks

Please contact me at bill_moore@mevatec.com or 205-880-1207

Bill

3913. Re: sale swap

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: Roland S Geter PhD <wb6lna@mycronet.com>
Message-ID: <4j4h1o$g2h@news1.goodnet.com>
Source record: 204046

What is a Collins 75S transmitter?

Roland S Geter PhD
800-399-4383 x765 anytime

3914. For Sale, HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: ke4dgb@pobox.com
Message-ID: <4j4g83$iej@doc.zippo.com>
Source record: 204047

//// For Sale \\\\
I am upgrading equipment and am trying to sell
some radios. Prices are negotiable when two
items are bought, and these prices don't include
shipping.

+ Radio Shack HTX-202 Handheld with NiCad Pack and
also a battery pack for Standard AA batteries.
Also includes speaker mike and rubber duck antenna
--$150--

+ Radio Shack Pro-2026 Mobile Scanner. Has 100 channels
in 5 banks. Covers 29-950 MHz (no 220, etc.) and also
has the cellular phone coverage. (869-894, 824-849)
Buttons that automatically scan POLICE, FIRE, AIR, WX,
And MARINE.
--$120--

+ Astron RS-7A Power Supply. 5 amps continuous, 7 amp
surge. Perfect for HT's, Scanners, and CB Radios.
Provides 13.8 Volts.
--$30--

+ All items are like new, I pride myself in taking care
of my equipment.

To order, call Drew Nichols, KE4DGB at 864-188-8818 (SC)
or via Internet, write to KE4DGB@pobox.com

3915. ICOM 737A MODS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: mfp@aros.net
Message-ID: <4j3ue3$p5j@news.aros.net>
Source record: 204048

Please email the ICOM 737A mods if you have them, privately, through email...
Thanksyou...

3916. Re: Recurring Repeater power amp problem???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: kwon2m@aol.com
Message-ID: <4j4362$lnt@newsbf02.news.aol.com>
Source record: 204049

John Wagner wrote:
>
> Our club has an interesting problem with our 2 meter repeater's power
> amp. I was wondering of anyone else has had this problem, or may see
> something we have overlooked.
>
> Over the past 3 years, we have had 2 different power amps fail
> because of what we believe to be parastitic problems.
> >>additional test deleted<<<<<

As Tom, W8JI stated, a circulator may be the answer to your troubles. If your repeater is located in a "high rf" area, ie a commercial tower, etc., there may be enough rf coming IN your antenna system to send your amp into oscillation. A circulator (aka isolator) will send the incoming rf to a dummy load and keep it away from the amp. It's also a great way to keep signals from mixing in your equipment and producing imd products that could cause interference to your system or someone else's. Many years ago I had a similar experience when I ran a 2M repeater for a local club. If I only knew then what I know now, it would have saved me untold hours of repair work and frustration. Spend the money and get an isolator, it's worth every penny.

John, N2BFJ

3917. WANTED: TenTec Filter Model 245

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: Jochem@t-online.de
Message-ID: <4j4e1p$t8h@news00.btx.dtag.de>
Source record: 204050

I'm looking for the Filter Model #245 (Audio filter for TT Triton I/II).
Kind offers to my E-Mail adress, because I'm not regularly reading this
newsgroup.
73 Joe DK7VW E-Mail: jochem @ t-online.de
AX25: DK7VW @ DB0SHG.#NDS.DEU.EU

3918. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: geo@nando.net
Message-ID: <4j45r8$7tv@castle.nando.net>
Source record: 204051

I had very good success with the Art. Ground in two different QTHs.
Now, nothing in the present location because I've got a good ground.
Either you have a malfunctioning Art. Gnd., or maybe your ground is
better than you think.

73 DE KQ4QM (George)

3919. Re: Help Repeater Linking!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: Chris Boone <cboone@earthlink.net>
Message-ID: <4j493t$eei@bolivia.it.earthlink.net>
Source record: 204052

>
>It is possible to combine audio SNR voting with squelched remote
>receivers and COR operated links. Then the SNR measurement will
>be on the channel noise of the link receiver when the remote
>receiver is squelched (and the link transmitter off), and thus
>will not be voted to the repeater transmitter. The link receivers
>are, of course, operated unsquelched.
>
AHh excuse me Gary but a TRUE Voter doesnt require UNSQUELCH link rcvrs
nor do the link have to operate all the time!

The remote rcvrs (which are linked back either via phone line or 222.15
or higher RF links) can operate either COR or PL. They can either send a
tone down a phone line (typically 1950 Hz in voter systems) or
nothing...and let the voter detect activity either via VOX, loss of tone,
COR detect off the link rcvr, etc.....and then it votes..

I use a 4 channel voter on a commercial system I maintain...and it uses
the methods I describe above...And two of the rcvrs are fed in via a
6Ghz microwave system....
NOONE uses the tone over voice mode anymore...SNR voters have gotten to
the point in price where it isnt worth bothering with anything less
anymore...

Also you made a comment in your article that was slightly incorrect...
You stated that links operate outside the rptr band in the 440 band and
therefore cannot be rptrs...this is incorrect....AUX stations can operate
ANYwhere in the 420-450 band (except 431-433 and 435-438) and SO can
REPEATERS (check your current copy of Part 97....Repeater subbands
on 442-450 has been gone for almost 20 years...since the elmination
of the WR calls and other rptr rules)....a crossband rptr from 2m to 430
Mhz is perfectly legal...now whether it is any good is another
question....yes, the remote rcvrs CAN be crossband rptrs....but in most
cases, it is best to CALL them and operate them as AUX stations....

73
Chris
WB5ITT

EX WR5AOK

3920. FT712 mods???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: Chris Boone <cboone@earthlink.net>
Message-ID: <4j4988$eei@bolivia.it.earthlink.net>
Source record: 204053

I have a FT712 and want to get any and all mods for this rig...is there a way to open up the rig to 420-430? (above 450 would be nice but not neccessary)

Leave info here or E mail it to me...

Tnx
Chris
WB5ITT

Entergy Telecom
(opinions, etc expressed by me are NOT those of my employer....they're too cheap to give me an Internet address anyway!)

3921. Re: HT Dual-Band Amp vs. Dual-Band Mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: "C. Wheeler" <cwheeler@ccnet.com>
Message-ID: <4j4cng$5e7@ccnet2.ccnet.com>
Source record: 204054

lui@netcom.com (Stephen Lui) wrote:
>I've enjoyed using my Icom IC-Z1A dual-band HT and have been looking at
>dual-band amplifiers. I seem to need a bit more power when using the HT in
>my car, using a MFJ-1724B magmount antenna. My HT puts out 5W on 2M and 7W
>on 70cm when connected to 13.5V.
>
>I could buy a high gain antenna, but I really don't want a 5 foot antenna
>on my car!

My first suggestion: If you have any fears about drilling a hole in yout car, get over them :) . Install a real antenna. I am not saying that you have to have a high gain antenna - I am saying that you should forget magmounts with HTs (or anything). Magmounts just do not perform as well as a good roof mounted, drilled into the sheet metal, with a good bond to the car right to the car at the base, antenna.

You don't need a five footer. A unity gain (3 dBi) antenna on a good roof mount works great in California where a good number of repeaters are on hills or mountaintops. You may find that just going to a better antenna installation will give you desirable results without an amp.

My only use for magmounts is when I need a radio on a temporary basis in a car that doesn't belong to me.

>RF Concepts has a 2M/70cm amp (Model 2/70G) which outputs 30W/20W for 5
>watts in for $259 and has a built-in receive preamp as well. How will the
>HT and the amp compare to a dual-band mobile unit?
>
>The power may be comparable, and the amp also improves received signals,
>but how will the performance compare with a dual-band mobile? Does the RF
>Concepts dual-band amp have any band pass filters to reduce intermod?

You don't need the preamp. With some exceptions (this not being one of them), preamps at the radio end of your coax are pretty worthless. Most of your Yaecomwood HT's have sensitivity at or below 2.5uV. Even with loses through ten feet of coax in your car, with that kind of sensitivity a preamp will not buy you anything.

[snip]

For the most part, those of us using VHF/UHF FM radios are using them to work repeaters. You don't usually need a lot of power to work a repeater.

I would say - if you got the bucks, buy a mobile. But if anything at least use a good mobile antenna system.

If you want extra power (and sometimes you'll want it), and you don't want to spend $600, buy the RFC dual band amp and install in it you car so that all you have to do is connect a coax to your HT and start talking.

3922. Icom IC-02AT Handi Talkie for sale (revised)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: pwest@atl.mindspring.com
Message-ID: <4j4hjv$aoo@firebrick.mindspring.com>
Source record: 204055

After looking around the newsgroups awhile I have determined that I have been asking too much for my Icom IC-02AT (2 meter) talkie. In the past I have been advertizing it for $200.00 but I am now dropping it to $150.00.

The radio is in perfect shape and has been modified for out-of-band coverage (this is the LCD display radio, not the thumbwheel radio). This radio has tone and 10 memories. I am selling it with 2 antennas (one is a stubby) and two battery packs -w- a wall charger.

If anyone is interested please leave me mail at pwest@mindspring.com.

Thanks
Phil (N4NBL)

3923. Re: Best Rig for SWL and Ham?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: kham@halcyon.com
Message-ID: <kham-2403961418010001@blv-pm3-ip8.halcyon.com>
Source record: 204056

Check out the Kennwood TS-870. Try the continuously adjustable bandwidth from 7 KHz on down on AM. Lots of flexability due to DSP, good signal out on SSB also good speech processor.

Good Hunting!

Dave, AB7FV

3924. Re: Alinco DR-150T or Ramsey Kit?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: lmckelp@aol.com
Message-ID: <4j416r$l46@newsbf02.news.aol.com>
Source record: 204057

In article <19960323.195407.9615.1.redbone@juno.com>, redbone@juno.COM (Douglas R Davis) writes:

>Would I be better off just to buy the DR-150T alinco 2 Meter Mobile for
>$479.00?
>(Amateur Electronic Supply)
>
>Doug
>
>KC8CGX
>
>

That sounds like a load of cash for a 2 meter only radio. I only paid $70 more for a new Kenwood 733A last year, and I hear they are even cheaper now! But, as they say on the Oldsmobile Aurora commercial, "It's your money..."

3925. Re: Kenwood TM-733A 800Mhz Receive?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: lmckelp@aol.com
Message-ID: <4j417n$l4e@newsbf02.news.aol.com>
Source record: 204058

In a word, no. I've also looked, and been told by "professional" mod people who set up at hamfests that there is no such mod.

3926. TM 251 on 800 Mhz Band ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: seu_email@address
Message-ID: <4j45pg$gal@grande.dcc.unicamp.br>
Source record: 204059

Please , I would like to receive the cellular band (870 MHz) in a
Kenwood TM251... Does anybody have some tip to give me about ??

I thank you anyway !!!

jaime@mandic.com.br

3927. You Own A Cushcraft AP8??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: n9mxt1@aol.com
Message-ID: <4j4fth$q55@newsbf02.news.aol.com>
Source record: 204060

Hello,
Just wondering if anyone is using the Cushcraft AP8 8 band vertical with the APR18 ground radial kit?? I am getting one used in the next couple of days and wondering how it preforms?? If you have any info or feedback on it please let me know...

Thanks for your time es gud dxing to you all!

N9MXT1 - Jeffrey

3928. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: Gary - KJ6Q <tech@thereporter.com>
Message-ID: <4j2adv$a6b@miwok.nbn.com>
Source record: 204080
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

Doctor Who <drwho@sinister.com> wrote:

>You people are a bunch of pretentious old farts. So the guy gets a
>little frustrated and says he accidently FUCKED UP his transmitter. Big
>deal. That's the way alot of people really talk. The Internet is a
>common meeting place, that is not censored (at least not yet) and if you
>are going to get so bent out of shape over a little bit of profanity,
>you are not going to be able to reap the advantages of the net. So get
>real, okay? He's not really that bad...
>
>------------=?> Doctor Who <?=------------

WELL *HELL*, let's REALLY liven things up!

This was a pretty decent group until all the CBers found it, and started
trashing it up with all their odorous and offensive operating habits and
gutter language....

THERE, that should about do it..... :-)
--
Gary... KJ6Q... I am the NRA | Annoy a Liberal - say NO to gun control!
============================ | Annoy a Democrat - say BYE BYE CLINTON!
Those who choose to "beat |==================================
their swords into plowshares"| "It's *EASY* to be a liberal, it's
may end up *PLOWING* for | OTHER people's money you are giving
those who DON'T! | away! (or living off of!)

3929. Re: ____, my FM-25 is ____ed! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: jgedmond@hic.net
Message-ID: <4j2a6j$jrk@news.hic.net>
Source record: 204081
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

In article <31548C17.6F65B43E@sinister.com>, drwho@sinister.com says...
>
>Wendell Millman wrote:
>>
>
>> Must we keep this stuff going, as this SUBJECT looks realy bad everytime
one
>> goes to read this news group......lets drop the SUBJECT guys it looks
bad.
>>
>
>You people are a bunch of pretentious old farts. So the guy gets a
>little frustrated and says he accidently FUCKED UP his transmitter. Big
>deal. That's the way alot of people really talk. The Internet is a
>common meeting place, that is not censored (at least not yet) and if you
>are going to get so bent out of shape over a little bit of profanity,
>you are not going to be able to reap the advantages of the net. So get
>real, okay? He's not really that bad...
>
>----------=?> Doctor Who <?=----------
Nobody said that that the author of the profane article was "bad"
nor made any personal attacks in the newsgroups that I follow. Does your
comment reflect YOUR true feelings - that he is "bad"?

1.) Talking and broadcasting are two very different activities. One
usually knows exactly who they are talking to, but not who is listening to a
broadcast. Therefore, a little more restraint is in order for the latter.

2.) He did not just say he ____ed up his transmitter, he said it over and
over again. Not only that but he went into excessive detail about things
that had nothing at all to do with the radio problem to the point of
distraction.

3.) Your only as old as you feel and I feel pretty young.

4.) Compared to other resources, the "net" is more full of chaff than
wheat. Anything we can do to change that is a positive. Did the profane
post elucidate anything for anybody?

Jim

3930. MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: llg@pacifier.com
Message-ID: <4j25fi$e5c@news.pacifier.com>
Source record: 204082

Does anyone know if the MFJ Artificial Ground really works. I've followed the directions to the tee and can't get the RF Ground Current meter to come off the peg. I'm starting to wonder if it's really worth having. My problem is, my HF station is on the second story of my home. So a short ground is not possible. I was told that if you connect the ground to this unit that it can be tuned so that RF gound would appear to be right next to the radio. Anyone's thoughts please...

73's
Lonnie

3931. Re: xxxxx my FM-25 is xxxxxx! What to do?? First You Change the Subject Line Of This Thread!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: "miker in Tigard, OR." <mreiney@hevanet.com>
Message-ID: <4j2heq$kg8@vista.hevanet.com>
Source record: 204083
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

[No readable article body recovered]

3932. Trade 386SX-40 VGA System for 1.2GHz ATV transmitter or Dual Band mobile radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: cw <maetta@terminus.com>
Message-ID: <4j2bfs$gfh@mycogen.terminus.com>
Source record: 204084

I would like to trade a 386SX-40 system that includes the following:

16Meg RAM
40Meg Hard disk drive
1.44Meg floppy
14" VGA monitor with VGA card
14.4 Kbaud internal data modem
Keyboard
Mouse with pad
Soundcard with speakers
Windows 3.11 installed

I am looking for a 1.2GHz ATV transmitter or dualband 2M/70cM mobile radio.

Thank you.

John

3933. D104 schematic diagram needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: cw <maetta@terminus.com>
Message-ID: <4j2bn7$gfh@mycogen.terminus.com>
Source record: 204085

I am in need of a D104 microphone schematic diagram.
Thank you.

John

3934. Icom 70cm (440) handi for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: pwest@atl.mindspring.com
Message-ID: <4j2ktr$bv4@firebrick.mindspring.com>
Source record: 204086

I have an Icom IC04AT for sale with the following accessories :

* Wall charger
* Two antennas (one is a stubby)
* Two battery packs (both are in good shape and hold a charge)
* Box of spare battery cells and covers.

The radio works fine and has been modified for out-of-band coverage.

I am asking $175.00 for the radio. If you are interested please email
me at pwest@mindspring.com.

Thanks
Phil (N4NBL)

3935. If you don't like it!...(Was: @!#$, my FM-25 is @#&%$! What to do?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: "C. Wheeler" <cwheeler@ccnet.com>
Message-ID: <4j2rrd$hee@ccnet2.ccnet.com>
Source record: 204087
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

Stephen Farlow <sefarlow@phoenix.net> wrote:
>First, clean up your obscene, offensive language!!!

But you, and at least a dozen other responses I have seen, keep insisting on posting follow-ups and complaining about the original content.

That "offensive" subject line, and thread will never go away if everyone keeps bitching about it.

3936. What is your rig worth?--> http://www.csz.com/sarrio.html

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-2303961724570001@host06.cyberg8t.com>
Source record: 204088

The Raymond Sarrio Company's Ham Radio WWW site is proud to announce a FREE Ham Radio classified advertising page at http://www.csz.com/sarrio.html. This new classified section will include Hams to search for equipement with the help of a search engine--no need to scroll through 100's of listing before you find that special piece of gear. Plus, when you find the gear your interested in, each listing comes with point-and-click e-mail access direct to the Ham that listed the item.

For those Hams with gear to sell, take note! It is absolutely FREE to list your equipment within the Ham Classifieds, and there will be no posting time delays.Your posting will go on-line, in our classified search engine,in about 1 hour. All you need do is fill out a simple forms page, and upon its (point-and-click) submission, your "For Sale" advertisement is on-line.

I will be purging the classified listing initially about once every month, but that timeline will shorten as our classified numbers go up. Give it a try, and let me know how you like it. 73's Ray
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront on tth WWW at http://www.csz.com/sarrio in association with Brillar Enterprises http://win-win.com/brillar an Extensive Discount CD-Rom Catalog!

3937. Maggiore Repeaters???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: debbiew@csc.umd.edu
Message-ID: <4j274i$mp@hecate.umd.edu>
Source record: 204089

Looking for opinions from anyone using a Maggiore repeater, especially in a harsh environment (an unheated, un-air conditioned building).

We're considering one for a club repeater and would greatly appreciate your comments!

Thanks and 73s,
Debbie, N5SKA

3938. Help! What do I need???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: Icecold@youngo.demon.co.uk
Message-ID: <31549e13.997570@news.demon.co.uk>
Source record: 204090

Hi all, thanks for reading!

I am trying to build a device which will send a signal from a transmitter to a reciever, simple as that!

What I need it for is this :-

I need to connect a jack lead from the monitor out socket of my mixing desk, to a transmitter, which will then transmit to a reciever which will be held on a trouser belt or in a back pocket to which a pair of walkman headphones will be connected.

Thus creating an " IN EAR MONITORING SYSTEM" for stage, theatre etc.

In the UK (where I am based) I have been quoted as much as almost
£2000.00 for this piece of equipment, which to me sounds astronomic!

Can anyone point me in the right direction as to what I would need to build this device or where I should start looking?

Any help on this would be a real help

Cheerz

Ice!

PS The transmitting range would be no more than 20ft and I would prefer radio rather than INFRA RED!

3939. Kenwood TM-733A 800Mhz Receive?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: pross@netmax.com
Message-ID: <4j2ec8$gtc@onramp.freeway.net>
Source record: 204091

Is there a mod on a Kenwood TM-733A to receive 800 Mhz like for the TM-732?
Thanks.

3940. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: k4gvo@america.net
Message-ID: <4j3813$18r@peach.america.net>
Source record: 204092
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,re

In article <WDHwABARyEUxEwes@enterprise.net>, Ray Woodward <raywoodward@enterprise.net>
says:
>
>In article <4imv4v$45o@cloner2.ix.netcom.com>, Horney Byte <hb@aol.com>
>comments :
>
(foul language removed)
>>
>>Horney Bite
>
>The really sad thing is that excrement like that get to vote ..:-(
You really think so? I'll bet that's a pimply-faced, 14 year old runt
that can't get a date to save his butt.

>Ray
>

3941. Re: fs johnson desk kilowatt

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: thompson@atl.mindspring.com
Message-ID: <4j2hea$bf6@firebrick.mindspring.com>
Source record: 204093

ky1sme@nbnet.mb.CA (Dennis Snyder) wrote:

>I have for sale a Johnson Desk Kilowatt transmitter. Serial No. 19
>good operating condition. Ranger I and II also available. Contact
>ky1sme@nbnet.nb.ca

I tried your E-mail address with no luck. If you still have the desk kilowatt please E-mail me or phone me (770-448-0588) with price and your location. Do not answer if sold!

Dave K4JRB

3942. test

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: "Richard R. Fasi"
Message-ID: <4j2h99$jgl@miwok.nbn.com>
Source record: 204094

```
test
```

3943. KNWD 201 opr manual need

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: "Homer E. Franks" <hfranks@bihs.net>
Message-ID: <4j2fd3$70v@brazos.bihs.net>
Source record: 204095

sure would like to have a copy of the kenwood 2 meter 201 i have lost
mine and cant remember how to program the memories would be very happy to
pay some one for their trouble
Homer E. Franks
Rt.1 Box 358
Caldwell, Tx 77836
phone 409-567-7141
email hfranks@bihs.net

3944. will swap r/c helicopter to ts-520s or other hf rig

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: kr4mt@pcc-uky.campus.mci.net
Message-ID: <4j2khq$5id@news.campus.mci.net>
Source record: 204096

```
will trade a hirobo shuttle remote control helicopter with jr century
VII radio to a hf base of equal value.
tim, kr4mt
```

3945. Alinco DR-150T or Ramsey Kit?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: redbone@juno.COM
Message-ID: <19960323.195407.9615.1.redbone@juno.com>
Source record: 204097

My little Alinco DJ-160T would not open the repeater, so I sold it to a more knowledgeable Ham. My question: Assuming my kit building skills are up to par, what quality of 2 Meter mobile would I end up with after building the Ramsey kit for $149.00 plus about $22.00 for the enclosure?
Would I be better off just to buy the DR-150T alinco 2 Meter Mobile for $479.00? (Amateur Electronic Supply)

Doug

KC8CGX

3946. Re: Kenwood TM-733A 800Mhz Receive?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: Keith@unix.asb.com
Message-ID: <Keith.883.01DB109B@unix.asb.com>
Source record: 204098

In article <4j2ec8$gtc@onramp.freeway.net> pross@netmax.com writes:
>From: pross@netmax.com
>Subject: Kenwood TM-733A 800Mhz Receive?
>Date: 24 Mar 1996 03:08:56 GMT

>Is there a mod on a Kenwood TM-733A to receive 800 Mhz like for the TM-732?
>Thanks.

Not that I know of...I have had the radio since it was released....

But I can tell you that after I did the mods I got the following results....

VHF Rx: 118 - 174 Mhz UHF Rx: 410 - 527 Mhz (display shows 300 - 470)
Tx: 136 - 174 Mhz Tx: 410 -470 Mhz

Keith
|===|
| • Keith@unix.asb.com == SLIP/PPP Internet Address • |
| • Keith@asb.com == BBS Internet Address • |
| • Http://www.asb.com/usr/keith == My WWW Page URL Address • |
| • N2NJS@KC2FD.NY.USA.NA == Ham Radio AX25 Packet Address • |
| • 70302,2701 == CompuServe Address • |
| • Knipper@compuserve.com == CompuServe Internet Address • |
|=== |
^^

3947. Re: Uhh.....one more Ni-Cad question.....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar24.023204.13018@ke4zv.atl.ga.us>
Source record: 204099

In article <4itmll$lvv@newsbf02.news.aol.com> rickcrider@aol.com (RICKCRIDER) writes:
>When refitting a dead ni-cad pack.....would using 1000mA Nickel Metal
>Hydride batteries that I see at hamfests be better than the standard
>nickel cadmium types.....?

Be aware that NimH batteries need different charging techniques than
Nicads. Their self-discharge is worse too.

Gary

--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3948. Re: What HF rig should a newbie buy ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar24.031508.13319@ke4zv.atl.ga.us>
Source record: 204100

In article <4iupai$fir@maxwell9.ee> jmtallon@mtu.edu (Jonathan M. Tallon) writes:
>Well, I've aquired my tech-plus license, and now I'm pinching my
>pennies to get a hf rig, & a 2m ht. I've got all the catalogs, but
>sorting out the features & jumping back and forth between
>descriptions and price lists makes it nearly impossible to compare
>models -- which brings me to my question - what hf rig (new or used)
>will get the job done, cheaply. Actually, I'd prefer to buy a used
>rig - it seems like new ones start over $1200, which is waaaaay too
>much for my budget. Any advice would be GREATLY appreaciated. Also,
>which 2m ht is the best for a newcomer ?

Let me suggest a few rigs to you. For HF, the IC-735 is still
a winner. It had the longest production run of any amateur
transceiver, which says a lot about its desirability. And
you can't have mine, which says even more. Street price for
a clean one is around $600.

For a 2m HT, new would be the Radio Shack HTX-202. It is about as
close to intermod free as new HTs get. When it's on sale, it's
pretty price competitive too. For a used HT, I'd recomend the old
workhorse Icom IC-2AT. It doesn't get much better than this short
of Motorola, and you can find them for around $100, a bit more with
accessories like the BC-35 and spare battery packs. No built in CTCSS
though, if you need that, look elsewhere. Another alternative HT is
the Yaesu FT-470. This is a dualbander, very simple to operate, and
you can find them for a bit under $200. More intermod than the
IC-2AT though.

Gary
--
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3949. Re: Ni Cad Confusion.....Help Please.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar24.031807.13395@ke4zv.atl.ga.us>
Source record: 204101

I just want to say that this is all true true true, and well worth
reading again.

Gary

In article <4iv5if$bce@fcnews.fc.hp.com> paulc@fc.hp.com (Paul Christofanelli) writes:
>You'll probably get lots of answers, but there goes...
>
>RICKCRIDER (rickcrider@aol.com) wrote:
>
>: On a digital volt meter, fresh out of the charger, all three register in
>: the 8.35 volt range, a bit higher than the 7.2 volt label indicates.
>
>Extremely normal :-). They've just been charged.
>
>: Used on the same HT, all three packs are 'assumed' dead at different
>: voltages as follows: (Assumed dead = HT beeps, throttles down, and shuts
>: off upon keying up.)
>
>: One battery pack: Assumed dead at 6.32 volts.
>: One battery pack: " " " 5.65 "
>: One battery pack: " " " 6.95 "
>
>Is this the voltage at the battery pack terminals *when you key up*?
>I suspect this is just the voltage you measure after you've taken
>the battery off the radio and slapped a voltmeter on it, i.e., no-load
>conditions. The radio probably shuts off based on the *loaded* voltage
>when you key up. Internal resistance differences in the battery packs
>probably account for these apparent discrepancies.
>
>: 2. Would it be wise....or not.... to rig up a device (bulb,
>: circuit, etc,) to further drain the battery packs down before
>: recharging.
>
>Not wise. Running a nicd battery pack down to zero is bad, bad, bad.
>That'll kill it quickly. An accepted safe value is 1 volt per cell --
>6 volts in the case of a 7.2 volt pack.
>
>: 3. I have both a quick charger and an overnight charger. Usually I
>: alternate the packs between the chargers each time......is this a
>: wise practice.
>
>The alternation idea is probably no problem. I've read claims that slow
>charging promotes larger crystal growth (not good) so *proper* quick
>charging can be better. I have no direct knowledge on this. It is

>important to have a smart quick charger that detects when the battery is
>full by the negative delta-V method or equivalent. Timed quick chargers
>are bad. With good quick chargers, charging a partially depleted
>battery shouldn't be any problem, and is much better than artificially
>draining the battery to recharge it (probably a holdover idea from the
>old timed quick charger days).
>
>There are 3 main things you can do to ruin a nicd pack: 1) drain it
>down to zero volts, 2) severely overcharge it, e.g., leave it on a slow
>charger all of the time (nicd packs are designed to take some
>overcharging, though), and 3) leave it in a hot car for a long time.
>
>
>-Paul C. KG0CZ

--
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3950. Re: Mobile HF tranceiverrs??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar24.051958.13913@ke4zv.atl.ga.us>
Source record: 204102

In article <4j0s7h$djg@rhea.glo.be> mauricea@glo.be (Maurice Andries) writes:
>Hi all,
>
>I'm planning to get some kind of mobile HF tranceiver in the near future. I've
>read the review in QST about the IC-706 and it didn't convince me 100% to go
>out and buy one.
>What I would like to know is: What are the pro's and con's of tranceivers like
>IC-706, TS-50, DX-70....
>
>The TS-50 has proven itself already (from what I've heard) but the others
>offer extra bands. Is the extra cost worth it? And most important: how do they
>behave 'on air'??
>
>I'm not going to use a radio like this at home, but only mobile with a
>Outbacker (or similar) antenna. On 2 meter (if availlable) I would only use a
>quarter wave.

I looked carefully at these three radios before buying, as well as looking at the somewhat larger Yaesu FT-900AT. If raw HF performance is paramount, a built in tuner is important, and you have the space, then the FT-900 deserves a careful look. But if you want 6m and/or 2m, and space is at a premium, then it's not for you. Even the remote head is big and busy by comparison to the others in this class. I give it 3 stars, mostly for the crunchless receiver and AT.

The TS-50 is a... well it's a Kenwood, nuff said? It goes to the bottom of the list. I give it 1/2 star.

The Alinco DX-70 is a nice compact radio, with 6m but at reduced power. It seems to perform well on HF, and is fairly easy to use. It's a bit of a challenge to mount in a mobile, but not bad. The display is a touch small for mobile use too, but again not bad. The controls are a bit small, and the panel is busy, but not too bad. The price has just been cut too, and that's not bad either. I give it 3.5 stars.

Then there's the IC-706. Icom says it has outsold any HF rig they've ever introduced. It's tiny, and with the remote head you should be able to find a way to mount it even in a Bug Eye Sprite. It covers 2m, which the others don't, and it is full power (100w) on 6m. The display is very readable in the car, and the simple menu system makes for an uncluttered panel that quickly becomes second nature to use. I'd rate the ergonomics for mobile operation as first in class. I bought one.

Now it is not without flaws. It comes with a SSB filter and a slot for only one optional filter. I installed the 500 Hz filter for digital

work. There's a trace of filter blowby due to the lack of cascaded filters. And the front end is not uncrunchable. There is a preamp and an attenuator, you'll be using them fairly frequently if you have a good antenna. In the car, this is less of an issue for HF since no antennas are good. It is an issue for VHF. The noise blanker is only so-so. The built in keyer chops dits in QSK mode, if that matters to you. It doesn't to me.

The fact that it has fast TR does matter to me, however, because of digital operations. It is a digital operator's dream machine for a number of reasons. It will shift the narrow filter up to the correct position for digital tones, and back down again for CW operation. It has a real RTTY position, and will accept real FSK keying as well as AFSK. It offers a *slow* tuning mode, which in conjunction with the already tiny tuning step makes tuning in modes such as Clover a breeze. It has IF shift, and has the neat feature for the CW operator of letting you move the filter to either side of zero beat to get away from a nearby station on one side.

Of course it offers 2m too, but that's a mixed bag. First it is only 10 watts on 2m. Second it doesn't know about the US 2m bandplan for repeaters and setting plus and minus shift is awkward. Figure on programming the memories and operating repeaters that way. It has plenty of memories, and they're easy to use. And it does include CTCSS. Third it *will* crunch, here is where you'll exercise the preamp/atten button a lot. Or perhaps not, I've found that operating with both the preamp and attenuator off is satisfactory most of the time, and when you do need them, they're there, unlike some rigs. But the NF is good, and if you work satellites or weak signal simplex it is a suitable all mode rig for that (an external amp is warranted). Intermod is low inside the 2m band if you exercise proper care with the preamp/atten button. Its wide coverage reception outside of 2m, however, is not so good. You *must* mod it to get acceptable performance. There are two mods floating around, one gets you up to National Wx, the other all the way to 200 MHz. The former is easy, the latter requires a bit of SMD skill. The mods let in the pager crud when tuning outside 2m, as you might expect, but don't affect operation inside 2m.

It has programable power levels, which make the lack of transverter jacks bearable, and should also make the QRP operator happy. And nearly everything is computer controllable via the CI-V interface. It has provisions for driving two different types of autotuner, and has an accessory jack that brings out nearly everything you could think of wanting to access. FSK is a separate jack. And there are two mike connectors and two headphone/speaker jacks, one set on the back, one set on the control head. That's very very nice. The headphone jacks are already set up to feed mono to stereo headphones, a nice touch. Unfortunately, the supplied microphone is not quite so nice. It lacks a Touchtone pad, and some operators have complained of low audio and lack of bass, though I've gotten glowing audio reports from mine. Changing to a mike with TT is a priority for

me, however.

The out of band transmit mod for HF is simple, making use with transverters a cinch, but forget out of band transmit on VHF, not even just a tiny bit out of band for CAP. It receives AM air band well, and WBFM so you can tune the FM broadcast band, and receive VHF TV audio, but it doesn't do stereo, and the IF filtering for the WBFM IF is non-existent. Separating near/far adjacent channel FM broadcast stations can be a trip.

I seem to be dissing it, but it really is a wonderful radio, which only serves to make its small flaws stand out even more. It's so generally good that you expect it to be perfect, but of course it isn't. I've been using it side by side with my old faithful IC-735 for a while now, and while I won't be selling my IC-735, the IC-706 holds its own in the comparison. Some things it does better, some things it does worse, but on balance it is a worthy successor to the venerable IC-735 as the mobile operator's rig of choice. I give it 4.5 stars.

I do have a list of things that Icom could do to make it a 5 star radio, however. Easiest would be to ship it with a TT mike and a *schematic*. If you can believe it, the radio doesn't come with schematics. I find that unconscionable in an *amateur* radio. The service manual is good though. I'd revise the firmware so it understands the US 2m repeater band plan. And I'd put a decent filter in the WBFM IF and allow a VHF CAP mod. I'd fix the wide coverage VHF receive filter so that it actually works over the tuning range without requiring SMD rework. And I'd junk the IC VHF preamp and put a good GASFET preamp in it with a high third order intercept so I wouldn't have to play games with the preamp/atten switch downtown in intermod alley. For the CW op, I'd get the dit chopping fixed too.

Maybe if they did that, they could call it the IC-706A, and everybody who had already bought the IC-706 would rush out to trade up to the new improved model. :-)

Gary
--
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3951. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar24.053600.14106@ke4zv.atl.ga.us>
Source record: 204103

In article <4j25fi$e5c@news.pacifier.com> llg@pacifier.com (Lonnie) writes:
>Does anyone know if the MFJ Artificial Ground really works. I've
>followed the directions to the tee and can't get the RF Ground Current
>meter to come off the peg. I'm starting to wonder if it's really worth
>having. My problem is, my HF station is on the second story of my home.
>So a short ground is not possible. I was told that if you connect the
>ground to this unit that it can be tuned so that RF gound would appear
>to be right next to the radio. Anyone's thoughts please...

What sort of antenna are you using? If you're using a balanced
antenna, IE dipole, then there should be no RF in the shack, and
there should be no indication on the counterpoise tuner's meter.
That's what it really is you know, a counterpoise tuner, and it
is only useful if you're using an unbalanced antenna that *needs*
a counterpoise.

Gary

--
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3952. Re: Uhh.....one more Ni-Cad question.....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: cphillips@interpath.com
Message-ID: <4j2o8q$g9o_003@news.interpath.net>
Source record: 204104

In article <4itmll$lvv@newsbf02.news.aol.com>,
rickcrider@aol.com (RICKCRIDER) wrote:
>When refitting a dead ni-cad pack.....would using 1000mA Nickel Metal
>Hydride batteries that I see at hamfests be better than the standard
>nickel cadmium types.....?

I purchased six of the Nickel Metal Hydride at the Charlotte hamfest
in 1995 and have used them for about a year in my Yupiteru MVT-7100
handheld scanner (500 Hz to 1.2 Gigahertz). They have worked well in
it, but it's a receiver only. Sometimes batteries behave less well
in the high current drain circumstances of a transmitting HT.

========= Opinions expressed are solely those of the author ============
Curt Phillips, KD4YU (ex-WB4LHI) | "Computer users will need a
cphillips@interpath.com | mouse when they grow a third
Chairman, Tarheel Scanner/SWL Group | arm." --President of Wordstar
ARRL Life; QCWA; Raleigh Am Radio Soc | circa 1983

3953. Diagram for STANDARD AX700 Scanner needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: edm@global.co.za
Message-ID: <4j2sto$5t0@dodo.global.co.za>
Source record: 204105
Cross-posted to: alt.radio.scanner,alt.radio.scanner.uk,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

Hi there,

Can anybody supply me a diagram-copy for the STANDARD AX700 scanner
50-904 Mhz. This is my own unit. The 2nd PLL goes out of lock
sometimes. Carefull tuning the trimcap (very touchy and sensitive)
on this module then restores lock again until the next time
(days-weeks up to months). In the out-of-lock condition a "
machine-gun " sound is heard (most probably caused by "hunting" of
the PLL control feedback) only when receiving a signal. It seems to be
quiet with no-signal even with the sql. control fully open. The
problem appears to be temperature related to some degree. There are a
lot of pots on the main pcb, so maybe it just needs a good alignment.
I will meet all costs; copy, postage ect.

Thanks Deon

Electronics Design & Measurement
edm@global.co.za

"The transistor will blow..
to protect the fuse. "

: Murphy's Law :

3954. Re: Shoot, This thread is Frapped! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: geo@nando.net
Message-ID: <4j3p3r$3f@castle.nando.net>
Source record: 204106
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

Guys and Girls!

Get over this thread! It's finished, Done, Roasted, Cooked and really BORING! It was obviously a post to get everyone riled up, and it worked. Why does eveyone play right into these guys hands?

73 DE KQ4QM (George)

3955. PRO-2035 HELP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: sba3020@InfoNET.st-johns.nf.ca
Message-ID: <4j2rfj$lcn@coranto.ucs.mun.ca>
Source record: 204107

I posted about this before but got no replies but I have a
PRO-2035 and the AUTO-store feature keeps storing the same
frequency over and over instead of skipping it if it find it again.

Am I doing something wrong or is this a problem? Is there away
around it or some sort of fix for it besides buying a OS-535
computer interface?

Anyone know any secrets about this scanner?

What is the difference between this 2035 and the 2042?

3956. Re: Mods for Standard C508A?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: n1ist@netcom.com
Message-ID: <n1istDoqzID.H61@netcom.com>
Source record: 204108

In article <4j0jqu$a7h@cabell.vcu.edu> jwill@cabell.vcu.edu (J. Sherwood Williams) writes:
-
-I read an account of two mods for the Standard C508A HT

Look in the BARC FTP site (ftp.barc.org under pub/hamradio /mods/standard,
I think). One of the mods there has a picture of where to find the little
dustspecs.
/mike
--
\|/ Michael L. Ardai N1IST n1ist@netcom.com \|/
-*- --- Boston Amateur Radio Club: http://www.barc.org/barc --- -*-
/|\ or send "info barc-list to listserv@netcom.com /|\

3957. Re: Shoot, This thread is Frapped! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: jcr2@cornell.edu
Message-ID: <jcr2-2403961235210001@cu-dialup-0030.cit.cornell.edu>
Source record: 204109
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

In article <4j3p3r$3f@castle.nando.net>, geo@nando.net (George McCrary) wrote:

> Guys and Girls!
>
> Get over this thread! It's finished, Done, Roasted, Cooked and really
> BORING! It was obviously a post to get everyone riled up, and it
> worked. Why does eveyone play right into these guys hands?
>
Good points. Thank you. The best thing to do with offensive posts is
simply ignore them.

John

3958. Re: If you don't like it!...(Was: @!#$, my FM-25 is @#&%$! What to do?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-24 00:00:00 UTC
From: jcr2@cornell.edu
Message-ID: <jcr2-2403961236160001@cu-dialup-0030.cit.cornell.edu>
Source record: 204110
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

In article <4j2rrd$hee@ccnet2.ccnet.com>, "C. Wheeler"
<cwheeler@ccnet.com> wrote:

> Stephen Farlow <sefarlow@phoenix.net> wrote:
> >First, clean up your obscene, offensive language!!!
>
> But you, and at least a dozen other responses I have seen, keep insisting
> on posting follow-ups and complaining about the original content.
>
> That "offensive" subject line, and thread will never go away if everyone
> keeps bitching about it.

Good point.

John

3959. Re: YAESU FT-8500, FT-3000M

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: kham@halcyon.com
Message-ID: <kham-2503962126240001@blv-pm14-ip8.halcyon.com>
Source record: 203911

In article <4j6phc$l7j@fcnews.fc.hp.com>, paulc@fc.hp.com (Paul Christofanelli) wrote:

> David,
>
> I have an FT-8500...
>>>
> : How easy/hard is the auto dial to use?
>
> I assume you mean auto dial DTMF. It's easy to program and to use,
> but it's NOT easy to switch between autodial and no autodial on the
> fly and especially while driving; you have to go through the menus.
>
> :

Just a question about the above mentioned switch - what do you mean by switching . . . ? I am used to using autodial if I select it and then using the kepyad to dial directly, if needed. Are you saying that you have to go into menus to to reset settings to do this?

Thanks for your time,

Dave, AB7FV

3960. Full/Half Duplex Autopatch??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: Ken Harrison <ken@cs.sonoma.edu>
Message-ID: <Pine.SUN.3.90.960325234317.5325F-100000@zippy>
Source record: 203912

Has anyone played with the Full/Half Duplex Autopatch advertised by
RF Electronics in Addison, TX for $109.00 ?? It needs a dual band radio
or two radios on different bands in order to operate. If you have used
it, please provide a review of it's operation and how satisfied with it
you were.

Thanks and 73--
Ken

____
Ken Harrison --- ken@cs.sonoma.edu --- Amateur Radio: N6MHG
~~~~~~
~~~~~~

3961. I NEED MODS FOR FT-530

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: Clint.Bradford@228.woodybbs.com
Message-ID: <3a8_9603260112@woodybbs.com>
Source record: 203913

>>I have just ordered a ft-530 and would like to have any mods for this
>>radio...

There's too many to post, Jerry! I saw at least ten files on the FT-530
on ATTENTION to Details BBS at 909-681-6210 in their MODS - YAESU File
Area!

clint.bradford@atdbbs.com
---
* TLX v4.00 * Thesaurus: ancient reptile with an excellent vocabulary.
* wcECHO 4.1 ~ AR-Net: ATTENTION to Details * Mira Loma, CA * 909-681-6221
--
|Fidonet: Clint Bradford 1:2619/228
|Internet: Clint.Bradford@228.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.

3962. was Re: ####, my FM-25 is #######! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: "Dave J. Cook" <dcook@mach3ww.com>
Message-ID: <4j593h$dtq@dsm6.dsmnet.com>
Source record: 203961
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

PUNT.

3963. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: walt@servelan.co.uk
Message-ID: <4j5jgl$jo2@tube.news.pipex.net>
Source record: 203962
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

Gary - KJ6Q <tech@thereporter.com> wrote:

>This was a pretty decent group until all the CBers found it, and started
>trashing it up with all their odorous and offensive operating habits and
>gutter language....

Yes, well I did warn you ....

73 de G3NYY

--
Walt Davidson E-mail: walt@servelan.co.uk
100523.1414@compuserve.com

3964. FS: Icom W21AT ham radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: rossspon@mindspring.com
Message-ID: <4j67ai$2tj@B1FF.mindspring.com>
Source record: 203963
Cross-posted to: rec.radio.amateur.equipment,atl.forsale

I have an Icom W21AT for sale. This is a 2M/440 dual band hand held radio, and I also have a few accessories for sale with it. If you are interested in it, send me mail at rossspon@mindspring.com

Thanks,
Ross Sponholtz
rossspon@mindspring.com

3965. Re: Alinco DR-150T or Ramsey Kit?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar25.000138.18167@ke4zv.atl.ga.us>
Source record: 203964

In article <19960323.195407.9615.1.redbone@juno.com> redbone@juno.COM (Douglas R Davis) writes:
>My little Alinco DJ-160T would not open the repeater, so I sold it to a more
>knowledgeable Ham. My question: Assuming my kit building skills are up to par, what
>quality of 2 Meter mobile would I end up with after building the Ramsey kit for $149.00
>plus about $22.00 for the enclosure?

I've built the Ramsey. It has some problems, some fixable, some inherent,
and output power is on the same order as a HT, so it wouldn't be my choice.
Ten-Tec has finally released their 2m transceiver kit, and first indications
are that it is better.

>Would I be better off just to buy the DR-150T alinco 2 Meter Mobile for $479.00?
>(Amateur Electronic Supply)

That's a lot of money for a 2m rig. Surely you can find better deals
out there. Look to the used market.

Gary
--
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Lawrenceville, GA 30244 | |

3966. Re: IC-706 - Looking for likes/dislikes....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar25.002355.18281@ke4zv.atl.ga.us>
Source record: 203965

In article <31516384.29D3@mail.voicenet.com> watty <watty@mail.voicenet.com> writes:
>I am looking at the IC-706 as a possible mobile rig. I was wondering if
>anyone who has/had one would recommend it, or any weakness it has.

See my recent post on this subject. I think the IC-706 is great,
but only 4.5 stars because it does have some faults (no rig is
perfect). Of course no other small radio even approaches 4 stars.
I'm amazed every time I turn the thing on that I get such good
performance out of such a tiny box, and I've had it for quite a
while, one of the first. I would caution that some of the faults
I consider minor, you might consider major. I'm primarily a digital
operator, with some mobile voice activity. If you're a CW op, you
might be less pleased with the radio. And don't expect too much out
of its VHF coverage. There's less there than meets the eye. (Though
figuring out how to improve it was fun.)

IMHO to get a better radio you'd have to spend thousands more, and
accept a much larger box. The ease with which you can tuck this thing
in a mobile is simply unbelieveable. It just disappears even in tiny
interiors.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3967. Re: If you don't like it!...(Was: @!#$, my FM-25 is @#&%$! What to do?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: jonejonz@atl.mindspring.com
Message-ID: <4j6qv1$5ue@B1FF.mindspring.com>
Source record: 203966
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

dpm3@dpm3.seanet.com (Dan Morisseau) wrote:

Point out that the newsgroup in
>question is one in which such stuff is wholly unexpected and in which young
>hobbyists participate.

Sure Dan, hold up that child again as a shield to justify your
Draconian censorship!

John

3968. FREE - scrounged electronics gear

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: mod@world.std.com
Message-ID: <Dou8Kr.DrA@world.std.com>
Source record: 203967
Cross-posted to: athena.forsale,ne.forsale,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.swap,wstd.forsale

About a year ago I rescued the items listed below from some lady's front yard where she was preparing them (with regrets) to be tossed. I gather that they belonged to a now-gone husband or son. Condition of the items is unknown, though I can say that I see no obvious defects except the amp is missing a tube. I haven't even powered them up and don't intend to. If you want one piece I wish you'd take all three, but please don't snag all three if you'll really only use one. Pickup near MIT, Cambridge:

- Knight KG686 RF generator
- Knight KG688 Sine/Square wave generator
- Heathkit W4B amplifier (audio?)

Regards,

Michael O'Donnell mod@std.com

Note: I posted essentially this same offer about a year ago, got quite a few eager replies and I was looking forward to the satisfaction which I assumed would come from giving the gear to a good home. However, I had so much trouble corresponding via email that I'm sure a number of people got pissed off wondering why I wouldn't communicate with them, and I *know* the whole mess just disgusted me - so much so that I finally got sick to death of bounced email and wrong addresses and just threw all the gear in my basement. So, please - don't contact me unless you know for sure that your message will have a *VALID* email address in it to which I can reply. Also, if the last time was any indication, you needn't bother replying if this message is more than a day or two old - just assume the stuff is gone. Thanks.

3969. Re: Tempo 2004

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: Geoff Brown <equinox@itl.net>
Message-ID: <4j70uq$f7i@fhbgb1.itl.net>
Source record: 203968
Cross-posted to: uk.radio.amateur,rec.radio.amateur.equipment

Sorry Tempo sold and antennas also gone.
Geoff

3970. Re: Help Repeater Linking!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar25.004142.18479@ke4zv.atl.ga.us>
Source record: 203969

In article <4j493t$eei@bolivia.it.earthlink.net> Chris Boone <cboone@earthlink.net>
writes:
>>
>>It is possible to combine audio SNR voting with squelched remote
>>receivers and COR operated links. Then the SNR measurement will
>>be on the channel noise of the link receiver when the remote
>>receiver is squelched (and the link transmitter off), and thus
>>will not be voted to the repeater transmitter. The link receivers
>>are, of course, operated unsquelched.
>>
>AHh excuse me Gary but a TRUE Voter doesnt require UNSQUELCH link rcvrs
>nor do the link have to operate all the time!
>
>The remote rcvrs (which are linked back either via phone line or 222.15
>or higher RF links) can operate either COR or PL. They can either send a
>tone down a phone line (typically 1950 Hz in voter systems) or
>nothing...and let the voter detect activity either via VOX, loss of tone,
>COR detect off the link rcvr, etc.....and then it votes..

Yes, you're right, you can qualify voting with link COR or VOX,
but I think it has a drawback, the unsquelch time or VOX delay,
which limits the voter's ability to respond quickly to picket
fencing. Now I know that most systems don't like to switch that
fast, but I like it.

>NOONE uses the tone over voice mode anymore...SNR voters have gotten to
>the point in price where it isnt worth bothering with anything less
>anymore...

Well, I'll take mild exception to that too. As I pointed out in the
original article, there are problems with audio SNR voting, such as
an operator driving with the windows down, that can confuse the voter.
It may be a minor point for some, but I still think limiter current
in the remote receiver is the better measure of signal quality. And
tone over voice allows nearly instant detection and switching during
picket fencing.

Audio SNR voters have gotten very good, but I think there are still
some advantages to the older tone over voice method.

>Also you made a comment in your article that was slightly incorrect...
>You stated that links operate outside the rptr band in the 440 band and
>therefore cannot be rptrs...this is incorrect....AUX stations can operate
>ANYwhere in the 420-450 band (except 431-433 and 435-438) and SO can
>REPEATERS (check your current copy of Part 97....Repeater subbands
>on 442-450 has been gone for almost 20 years...since the elmination

>of the WR calls and other rptr rules)....a crossband rptr from 2m to 430
>Mhz is perfectly legal...now whether it is any good is another
>question....yes, the remote rcvrs CAN be crossband rptrs....but in most
>cases, it is best to CALL them and operate them as AUX stations....

You're right of course. I was thinking of the repeater bandplan,
not the regulations.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3971. Re: Best Rig for SWL and Ham?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar25.005946.18583@ke4zv.atl.ga.us>
Source record: 203970

In article <4j3thg$l12@comet.connix.com> dcollin@connix.com (Dennis Collin) writes:
>aust@gandalf.sp.TRw.COM (Mike Aust) wrote:
>
>>I have a IC-706 and a FT-900 and won't let go of my FT-900. But a few
>>hams have been trading in the FT-900 for the smaller IC-706.
>
>I agree with all you say ... and for HF mobiling, it's hard to beat
>the easy to read and use interface of the FT-900 ... none of that
>multiple function, multi-menu b.s. like the 706 ... I expect to keep
>my 900 a very long time ...

I guess that's why there's more than one radio manufacturer. I found the FT-900 panel to be large and busy, but not easier to read or use than the IC-706 control head. The multifunction multimenu system is a stroke of ergonomic genius in my opinion. It is very natural and easy to use after a very brief learning curve. Now if you want to see a frustrating user interface that wasn't well thought out, look at the FT-8500. I will concede that the crunchproof HF receiver performance of the FT-900 is better than the IC-706. I don't think it is enough better to overcome the other advantages the IC-706 has however.

Both are very good radios for the purposes for which they were designed. I wouldn't question anyone's judgement who chose the FT-900 over the IC-706, but for me the IC-706 won out, and for some of the same reasons that you found the FT-900 better, IE I like the user interface better, and I like the smaller control head. Having 6m and 2m in the box doesn't hurt either. And I think mobile antenna tuners belong back at the antenna, and not built into the rig. Most of that is subjective of course.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3972. (removed)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: nick@lansley.demon.co.uk
Message-ID: <827791851.29519@lansley.demon.co.uk>
Source record: 203971
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

Please bear in mind that with most news clients, when you reply or comment on an article, the original (complete with offensive words) is included - so anyone doing a search for such stuff for disciplinary investigative reasons could argue YOU sent offensive stuff too.

<<< Nick Lansley G1KZI>>>

For legal reasons, any messages in this article that reveal I may have taken part in any illegal activity (either directly or indirectly) are hereby disclaimed. I hereby state that I have taken no part in any such activity.

Home: http://ourworld.compuserve.com/homepages/nicholas_lansley
E-mail: nick@lansley.demon.co.uk or G1KZI@lansley.demon.co.uk

3973. Re: ...(Heading deleted to protect the innocent)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: nick@lansley.demon.co.uk
Message-ID: <827791846.29519@lansley.demon.co.uk>
Source record: 203972
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

Karl Kurz <kkurz@acad.umm.maine.edu> wrote:
>Hear, hear..... postings like this make me really excited about
>demonstrating Ham Radio and Newsgroups to my students.
>
I agree - maybe writers of news client programs (such as Free Agent -
the one I'm using) could add kill file facilties to blank out articles
with rude words in them.

I suppose the only problem is it would kill articles with words such
as "Poshitridge" - a village near where I lived in the Midlands..!

This is off-topic but a thought anyway...

I haven't looked - are other newsgroups where the original article was
posted having this conversation? Nice bit of bandwidth and disk
storage used up if they are...

<<< Nick Lansley G1KZI>>>

For legal reasons, any messages in this article that reveal
I may have taken part in any illegal activity (either directly
or indirectly) are hereby disclaimed. I hereby state that I
have taken no part in any such activity.

Home: http://ourworld.compuserve.com/homepages/nicholas_lansley
E-mail: nick@lansley.demon.co.uk or G1KZI@lansley.demon.co.uk

3974. Re: If you don't like it!...(Was: @!#$, my FM-25 is @#&%$! What to do?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: "usao6ret@erols.com" <usao6ret@erols.com>
Message-ID: <3157831F.1D61@erols.com>
Source record: 203973
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

Dan Morisseau wrote:
>
> In article "C. Wheeler" <cwheeler@ccnet.com> writes:
>
> >That "offensive" subject line, and thread will never go away if everyone
> >keeps bitching about it.
>
> Absolutely right! If you are REALLY offended, send a copy of the offending
> post and subject line to "postmaster@ offending-party's-ISP", detailing your
> complaints in a concise and rational manner. Point out that the newsgroup in
> question is one in which such stuff is wholly unexpected and in which young
> hobbyists participate. With the threat of government involvement on the net,
> no-one needs some jerk inviting trouble and the ISP may be even more
> interested. and ask his assistance in correcting the problem. Most ISP's will
> crack down on an offending user who generates any volume of complaints at all.
> If you want to get under the offender's skin, just give him a cc of the e-mail
> complaint to the ISP; it would be the courteous thing to do anyway. Anotehr
> tactic 9which I do not endorse) is to e-mail back to the offender a copy of
> his offensive post. If enough unhappy newsgroup participants do this (some
> guys do it over and over and over and ...) his mailbox will get full REAL
> soon. But, as I said, THAT WOULD BE WRONG!!!
>
> Dan Morisseau
> N7ZXL
> 47 17' 16"N / 122 11' 40"W
> Elevation: 300'AFter all was said and done, did he ever get his FM-25 fixed?

3975. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: dpm3@dpm3.seanet.com
Message-ID: <dpm3.1005.00181931@dpm3.seanet.com>
Source record: 203974
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

In article nrj@cdx.net (Rob M.) writes:

>I though the original FM25 post was perfectly O.K. so when
>is omeone going to actually help this guy??

When hell freezes over, pal! The jerk got himself into a jam, let him get himSELF out! He needs to learn to ask civilly and without going out of his way to offend others.

Dan Morisseau
N7ZXL
47 17' 16"N / 122 11' 40"W
Elevation: 300'

3976. Re: If you don't like it!...(Was: @!#$, my FM-25 is @#&%$! What to do?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: dpm3@dpm3.seanet.com
Message-ID: <dpm3.1006.001B7EFB@dpm3.seanet.com>
Source record: 203975
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

In article jonejonz@atl.mindspring.com (John Q. Customer) writes:

>Sure Dan, hold up that child again as a shield to justify your
>Draconian censorship!

It is an apporpriate consideration. I wouldn't (and haven't) objected to remarks in newsgroups where the title etc. give notice of the potential bad manners of some participants. That doesn't fit this situation. Don't play the cilvil libertarian defender of the First Amendment unless you understand the issue and the law, John.

Dan Morisseau
N7ZXL
47 17' 16"N / 122 11' 40"W
Elevation: 300'

3977. Re: Mobile HF tranceiverrs??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: dcollin@connix.com
Message-ID: <4j76sd$6jr@comet.connix.com>
Source record: 203976

mauricea@glo.be (Maurice Andries) wrote:

>Hi all,

>I'm planning to get some kind of mobile HF tranceiver in the near future. I've
>read the review in QST about the IC-706 and it didn't convince me 100% to go
>out and buy one.
>What I would like to know is: What are the pro's and con's of tranceivers like
>IC-706, TS-50, DX-70....

>The TS-50 has proven itself already (from what I've heard) but the others
>offer extra bands. Is the extra cost worth it? And most important: how do they
>behave 'on air'??

You're missing the best HF mobile on the market (IMHO) the Yaesu
FT900/AT ... while not as small as the others, it has a removable
faceplate (the TS50 doesn't) so you can mount the main radio in the
trunk ... and it has a built-in autotuner. My favorite feature is
that it has a "normal" interface ... one function buttons and knobs
.. no mickey-mouse multi-function buttons, knobs, and menus ...
important when I'm doin' 70 mph and 30 wpm CW (yes, CW only here) ...
its audio output is FAR superior to the others (important with wind
and road noise). It makes a great home rig, too. The receiver is
very sensitive (good!) and with the optional filters for SSB and CW,
it's selectivity is absolutely excellent ...

I had to make the same decision last year when I bought it, and
decided that 6 meters didn't excite me (and 10W on the Alinco just
won't cut it anyway) and that I'd prefer a nice 50 watt full-featured
2m FM mobile to the 10W all-mode in the Icom. You may have other
criteria, tho ...

There's also the TenTec Scout 555, which a local guy here SWEARS by,
but it didn't excite me ...

good luck with whatever ya do ... 73

3978. Re: need info on 51S1 variant

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: radiomatt@aol.com
Message-ID: <4j5asj$7lp@newsbf02.news.aol.com>
Source record: 203977

I used o have one too; it was a rework for use on aircraft, and had enhanced shielding, and unusual knobs that could be felt by touch (round, square, triangular) so that radio ops blinded by the Bomb could continue to operate and make war.
Someone told me that it was used aboard the big Boeings that served as airborne command posts; mine came with a matching G-186 panadapter that shows signal s either side of the center freq. When I sold the radio I kept the panadapter because it worked with other radios. If you're interested first $375 takes the G-186.
I suspect that the low sensitivity (if not a part failure) might be due to impendance mismatching; they used small whips in active antenna circuits, and maybe these impedance matching devices had gain (probably tube type units too). Mine seemed pretty sensitive, but the lack of birdies and other spurious signals makes the band sound "dead" when actually it really is free from RF garbage. The better the adio, the more likely you're going to think "hey the band should be full of signals...where are they?" When actually a cheap radio has the band full of unreal signals...big difference.

3979. Re: YAESU FT-8500, FT-3000M

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: paulc@fc.hp.com
Message-ID: <4j6phc$l7j@fcnews.fc.hp.com>
Source record: 203978

David,

I have an FT-8500...

David A. Kay (kham@halcyon.com) wrote:
: RE: The FT-8500 and the FT-3000M

: 1. How is intermod resistance?

So far, so good. In VHF + VHF mode, the "non-native" VHF side seems slightly more prone to "intermod". Not too bad, though. The manual warns of this. In V+U mode, no problems at all.

: 2. How easy/hard is the auto dial to use?

I assume you mean auto dial DTMF. It's easy to program and to use, but it's NOT easy to switch between autodial and no autodial on the fly and especially while driving; you have to go through the menus.

: 4. How much and what can you control the rig from the MH-39 , MH-36 mike?

I don't have the MH-39, but it looks well layed out. It does have one rotary knob that's multiplexed between VHF/UHF/volume/squelch. Once you get used to the FS-10 mic (the other one), lots of stuff can be easily controlled from the mic. The FS-10 is not for everyone, though.

: 5. Overall, how would you rate the rig?

The FT-8500 seems to have solid radio performance. If you like lots of features, it's great. It may be overkill for some people, though.

-Paul C. KG0CZ

3980. Re: TEN-TEC Omni VI

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4j5imv$km@crash.microserve.net>
Source record: 203979

arl00@juts.ccc.amdahl.com (Arlan R. Levitan) wrote:

>Here's a list of some pros and cons compared to my 850, based on my
>experience to date.

This was a great comparison, but the Omni has one more thing going for
it that wasn't mentioned.

The 850 won't run QSK with an external amplifier because there's no
RCV antenna input. With the Omni, all you do is add an external
electronic T/R switch and you're all set. :)

73,
Jack WB3U

3981. YAESU FT101-EE VALUE OF

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: jeuo@iquest.net
Message-ID: <4j57pr$qc_001@news.iquest.net>
Source record: 203980

I OWN A FT 101-EE I'M CONSIDERING SELLING. I.M NOT MUCH OF A HAM SO I REALLY
DONT KNOW WHAT TO DO WITH IT. ANY IDEAS ON A STARTING PRICE TO ASK?
THANKS IN ADVANCE,
JEFF

3982. Icom IC-707 Mods anyone??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: andykeir@postbox.midcoast.com.au
Message-ID: <4j5m1n$ehg@lei.acay.com.au>
Source record: 203981

I have an ICOM IC-707 HF transceiver. The rig works just fine
although it is probably one of the more basic HF rigs around.
I'm sure there must be a mod to increase the RX sensitivity on
the broadcast band. Below 160 meters the rig is somewhat deaf.
Doeas anyone have ANY mods or info on this rig? Anything would
be of interest. There seems to be very little around about this
particular rig ... perhaps it's a bit of an orphan??
Cheers de Andy VK2AAK.

3983. Re: MOD Wanted: FT-1000MP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: Boerge Ravn-OZ8BR/SM0EBP <boerge@br-consulting.se>
Message-ID: <4j5mot$nvv@Steinlager.tip.net>
Source record: 203982

Hello!
Have you found anything?
If yes - could you send me anote!
I have the info, but it's in my summer-cottage, 100 miles away! I would like to have it here!
It's nice to have the possibility to make the readio into a signal generator sometimes.
The tip i think about is the one where you by pushing som buttons simultaneously can get into an extra number of menu's!
73/regards boerge/Bob

3984. FT 1000MP more menu's!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: Boerge Ravn-OZ8BR/SM0EBP <boerge@br-consulting.se>
Message-ID: <4j5qhg$o4q@Steinlager.tip.net>
Source record: 203983

There are some "hidden" menu's on FT 1000MP:
A. Press & hold LOCK+FAST - while turning on power.
B. Press FAST+ENT simultaneously to go into manuf.-mode
C. Now you have some interesting things under menu 9-9.
Nice - eh?!
Info tnx to SM5DXB (not on the net)
73/regards Boerge/Bob

3985. Amp.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: kris.mcdonald@prostar.com
Message-ID: <0000121D00000F2F@prostar.com>
Source record: 203984

Anybody know of any mail-order places that sell amps. and other radio equipt? E-mail me.....thanks...73s

3986. FS: AEA HF Antenna Analyst w/LCD plotting

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: victor@sea.ntplx.net
Message-ID: <4j639v$38r@jumbo.ntplx.net>
Source record: 203985

FS: AEA SWR-121 HF Antenna Analyst. Graphical display/plot of your antenna's SWR. Automated or manual modes. Variable freq (1-31MHz) and width. Audible variable-pitch tone tracks SWR. RS-232 port.
ASking $250/BO

victor@ntplx.net

3987. Re: TEN-TEC Omni VI

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: "Gregory J. Buhyoff" <buhyoff@vt.edu>
Message-ID: <4j64mv$6sr@solaris.cc.vt.edu>
Source record: 203986

Put simply, since the other fellows did a great job detailing the OMNI VI, it is the finest weak signal radio I have ever owned. And, that includes the FT 1000, FT 990, TS 940, IC 765 and 17 others! It is a pleasure to use and has the best ergonomics of any rig I have used. Further, it is a joy to use on CW. It is a hand's down winner. I will not part with mine.

Greg KN4FR

3988. Re: FT-51r Reviews

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: jcupples@iphase.com
Message-ID: <jcupples-2503960738160001@va-dyn29.iphase.com>
Source record: 203987

In article <4j4d49$ra1@tzlink.j51.com>, richard@j51.com (J. Miner) wrote:

> Hi
>
> I am Interested in the yeasu FT-51r and just wanted to know how other Ham
> liked the rig.
>
> Thanks and 73,
> Jon N2XFZ

I like it. Works well.

Only drawbacks are no direct (plug/jack) DC power input to the radio. I suggest buying the E-DC-12 DC adapter and the FBA-14 AA battery case (which regrettably don't work _together_). Covers all the local repeaters on both bands for me when used at base location with AR270 groundplane at 3 watts. I got the MH-12A2B remote mike, have gotten many good comments on audio.

The FNB-38 9.6 V battery (600 mAh) lasts a disappointingly small time when used to transmit, even at reduced power. I read all the stuff about NiCd batteries, do it all, and then regret buying expensive, heavy battery packs that give you a tiny amount of power. My preference is to buy bulk alkaline batteries (they are 2,400 mAh) at Sam's, and throw em away. At about $1.20 per set, that's at least 40 sets for the price of a NiCd, and they last many times longer for me.

I like the display and the keypad (backlit) and it is very small and solid. Has nice battery pack connection scheme inside the radio, spring loaded gold contact pins look very well made.

It does have a strange limitation in not being able to erase a memory once programmed, and it will dump all memories if you follow manual instructinos for enabling then disenabling wide range reception.

Still waffling over whether this rig is better than Kenwood TH79, but no major regrets.

cheers,

Jerry Cupples
KC5SXA

3989. Re: radios and motorcycles

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: <>
Message-ID: <4j67ho$ofh@mozz.unh.edu>
Source record: 203988

In article <4ip8u8$h2j@dawn.mmm.com>,
Gary Hosler - KN0Z <grhosler@mmm.com> wrote:
>degreene@heurikon.com (David Greene) wrote:
>
>
>>Hi,
>
>>I'm thinking about buying a ham handy talkie and using
>>it on my motorcycle. I know that Wingers and Harley touring types
>>use CBs on there bikes and I'm wondering if a special
...
>>My bike is not a touring machine and only has a windshield,
>>so there is probabaly going to be more wind noise on it.

Dave:

This sounds like a deadly combination. I think you will face the same distractions with this combination we already face when talking on the radio in the car, which I think most of us can handle just fine. The problem, though, is that like most other things on the motorcycle, everything is so much more critical and less forgiving (traction, skidding, riding over bumps, etc). If you or someone else in traffic *happens* to screw up, the difference between avoiding a problem and being hurt/killed might simply require that extra bit of attention you had been giving to the radio (even just listening to a QSO). I think it just comes down to a gamble. Again, the same problems are present elsewhere (operating CW and voice in the car, etc), but the stakes are higher. I tried riding my CB750 with an HT and an earphone for several days (receive only) just to listen to local police traffic, but I didn't feel comfortable with that, and I abandoned it only after a few days.

Anyway, good luck with whatever you decide -- just use your common sense in either case.

This winter has been too long. I'm looking forward to taking the bike out of storage this week!

-Drew

3990. Mobile broadcast equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: bobbles@panix.com
Message-ID: <4j6a9q$89j@panix.com>
Source record: 203989

Hi there,

What kind of equipment would someone need to do low transmission broadcasting in the AM frequency. I know that a transmitter and antenna would be required. What about low voltage power sources for mobile use?

Thanks,
Bob

3991. Q: Commercial gear on 6 meters & WTB: cavity/duplexer

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: cn1135@abaco.coastalnet.com
Message-ID: <4j6bpt$nnu@treasure.coastalnet.com>
Source record: 203990

If anyone has modified any low-band commercial gear(Motorola, GE, etc.)
to use on 6-meters, please e-mail or post about experience, difficulty
of conversion, tuning, programming, etc. Also, looking for 6-meter
cavity/duplexer for repeater. Must be capable of 1mhz spacing & power to
100 watts.

3992. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: dreambig@ix.netcom.com
Message-ID: <4j5fd3$rqd@dfw-ixnews4.ix.netcom.com>
Source record: 203991

In <4j45r8$7tv@castle.nando.net> geo@nando.net (George McCrary) writes:

>
>I had very good success with the Art. Ground in two different QTHs.
>Now, nothing in the present location because I've got a good ground.
>Either you have a malfunctioning Art. Gnd., or maybe your ground is
>better than you think.
>
>
> 73 DE KQ4QM (George)
>
Hey - why not spend a few extra bucks and go all the way --
buy a REAL ground!

wd9hcr

3993. YAESU FT 1000MP - extra menu

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: Boerge Ravn-OZ8BR/SM0EBP <boerge@br-consulting.se>
Message-ID: <4j6e3o$pdn@Steinlager.tip.net>
Source record: 203992

There are som "hidden info" in the FT 1000MP menu-system!
A. Press and hold LOCK+FAST, turning power ON
B Press FAST+ENT keys simultaneously to go into manuf.-mode
C Select 9-9 using MEM/VFO.
Enjoy your rig!
73 Boerge

3994. Re: MOD Wanted: FT-1000MP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: Boerge Ravn-OZ8BR/SM0EBP <boerge@br-consulting.se>
Message-ID: <4j6e86$pdn@Steinlager.tip.net>
Source record: 203993

A. Press and hold LOCK+FAST while turning power on
B Press FAST+ENT simultaneously to go to manuf.-mode
C Select menu 9-9 with MEM/VFO knob
Enjoy your rig
73 de Boerge

3995. FT-990 Users.....NEED HELP ON RF-OUT ADJ.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: Mel Dixon <MELD@mimi.itg.ti.com>
Message-ID: <3156EA87.5496@mimi.itg.ti.com>
Source record: 203994

Hello, boys and girls. I need to know if any of you have made adjustments to the RF-Output?? I need to give my linear a little more, 10 to 15 watts drive. If any of you have found this adjustment please let me know via E-mail or Phone. Phone: 214-995-2794 (Office), 214-484-5461 (Home) E-mail: MELD@mimi.itg.ti.com (Office), wb5btg19@airmail.mail.net (Home)

Thanks,
Mel Dixon (WB5BTG) Dallas, TX

3996. Looking for IC706 Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: f1jtn@MicroNet.fr
Message-ID: <4j6lcl$e90@chleuasme.francenet.fr>
Source record: 203995

I have got a tranverter that allow to convert between 20-30MHz to 430-440MHz.
But unfortunatly the IC706 refused the go on air if we do not use the Radio Ham bands.
How can i have this faculty?

73 F1JTN op: Gilles
See you soon on the AIR
et a bientot sur l'air

3997. Re: Problem (?) with Heil microphone

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4j67k0$ats@news.halcyon.com>
Source record: 203996

"usao6ret@erols.com" <usao6ret@erols.com> wrote:

>I treated myself and My ICOM 729 to a Heil headset with boom mic using
>the HC-5 element. ICOM uses electret condenser mikes that appear to have
>a pre-amp in the base while the Heil unit is a crystal unit that has no
>pre-amp.
>To get 100 watts out of my rig, I hav to run the mike gain WAY UP HIGH.
>Anyone got any tips? I really like the headset as I do a lot of CW
>operating and the bom mic makes it handy but I am concerned at the high
>mike gain I'm running.
>Am thinking about building a small pre-amp to put between the Heil and
>the ICOM.
The preamp usually does the trick, also then you do not need to modify
your radio by changing the mic amplifier feedback resistor for more
gain. E-Mail the nice guy at ICOM 's email address
75540.525@compuserve.com and ask for the heil mic preamp circuit.
ICOM has a little single ended amplifier circuit they send out as a
guide for heil mics, seems to work well.

Gary

3998. ****TORNADO SPOTTERS VIDEOS-POSTERS****

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: ed@twister.com
Message-ID: <ed-2503961127220001@s41.tucslip.indirect.com>
Source record: 203997

TEXAS WEATHER DEVICES HAS AN EXTENSIVE COLLECTION OF
SEVERE WEATHER PRODUCTS, INCLUDING RARE AND
UNUSUAL VIDEOS, BOOKS, POSTERS, PHOTO CD'S AND PRINTS.

WRITE OR CALL FOR A FREE CATALOG!!! (Note: we are providing this data as
a courtesy to TWD. Catalogs are not not available throught this e-mail
sponsor.)

TWD 817-599-0976 (Leave your name and address for a free catalog).

Or write to:

TWD, Box 309
Cresson, TX 76035

Thank you!

3999. (none)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: BFLETCHE@MAIL.STATE.WI.US
Message-ID: <00038000033161320000004*@MHS>
Source record: 203998

Would anyone know of mods that can be made to the Kenwood TM401-B?

Thanks,

Bill AF9B
bfletche@mail.state.wi.us

4000. Re: FCC-Out of Control??? Please Read

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4j6s4f$8k@crash.microserve.net>
Source record: 203999
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>Jack, the privilege they are granting you is a promise that they
>won't storm your house and shoot you if you get their license and
>abide by their rules. It really has nothing to do with who does
>or does not have an ownership claim to the spectrum.

Hi Gary,

No, ownership is a *crucial* issue because it's the only basis by which government can morally justify such actions. When a person or organization owns property, it has the right to grant another person the privelage of using it and the right to remove trespassers and other violators by force. However, the government doesn't own the electromagnetic spectrum and that's what denies the legitimacy of the F.C.C.'s claim to its physical regulation and control. Regardless of laws passed by Congress or the number of guns they bring to bear in order to enforce them, F.C.C. control (and particularly sales) of spectrum will still be wrong.

The evidence of this is found in part in the difficulty the government has in differentiating its control of frequencies from accusations that it is abusing the right to free speech. If the F.C.C. were to convey legitimate title to spectrum, such confusion woudn't exist. It would be all too clear that one's right to free speech doesn't justify unauthorized use of frequencies any more than it permits one to steal a printing press.

This all goes back to events that took place right after the invention of radio (i.e. discovery of spectrum). At the time, it was reasonable to expect that government would deed frequencies to U.S. citizens, and many Congressmen understood the necessity of that approach. The transfer could (and should) have taken place in much the same way land was deeded in the 1800's, or at worst, by holding spectrum in public trust until an equitable method of distribution could be devised. However, the military stepped in and through the use of fear tactics convinced the majority of so-called representatives that its needs should be held superior to the rights of individual citizens.

Although few realized it at the time (or even now), this was a turning point in American politics. For the first time, government had expropriated an entire natural resource for its own purposes, with no intent of ever conveying title to individuals who had the right, by virtue of their citizenship, to own it. The true depth of this problem is apparent when it's realized that the F.C.C. is now

"selling" spectrum to private citizens at frequency auctions, but
still refusing to provide title.

>Governments can't grant rights, whether those rights are property
>rights or any other kind of rights. Rights are inherent. Government
>can only infringe rights, either via the exercise of force or threat
>of force.

Don't forget that government can also *protect* rights. In fact,
that's the only legitimate role of government in a free society.

>That's all government is, the most powerful set of goons in the
>neighborhood. Governments, like any other gang, wield power by
>operating a protection racket, with the protection offered being
>mainly from *them*.

Government needs sufficient power to protect the rights of private
citizens, in order to prevent anarchy. All other use of government
power (including the involuntary acquisition of that power) is
illegitimate and is aptly described by what you've said.

73,
Jack WB3U

4001. Re: TM-241, FT-2200, FT-2500, TM-251, FT-3000?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: tculin@teleport.com
Message-ID: <4j6ueu$3hb@nadine.teleport.com>
Source record: 204000

kham@halcyon.com (David A. Kay) wrote:

> I am trying to decide on a 2 meter or 2/440 rig for the car. The
>TM-241 and FT-2500 come in tops on QST intermod rejection, but have no
>DTMF dialing capability, which I use quite a lot. The FT-2200, 3000 and
>the TM-251 have autodial capability.

> If you have any of these, how like them and evaluate them for
>intermod rejection and ease of use for DTMF dialing?

> TNX, de AB7FV, Dave

I just went the 9 yards on this as well and chose the 2500M. 1) the mil spec vibration/shock thing was important to me as this was going in my 4x4. The next important thing was intermod rejection, and 2500 is stiff. Driving around with a dual band antenna through intermod alley and not a chirp. Same results with a 5/8's tuned 2 m antenna.

I almost went for the 2200 also ruled out the 3000 at $500 why not buy a real dual band - 70 watts heck I don't even use 50 all that much.

I suggest that you make a table with the features you want on one axis, and the radios on the other, check off the features in each radio and the radio with the most checks wins.

4002. Remote coax switches -- any experience(s) ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: Mat Eshpeter <mat@clearnet.com>
Message-ID: <4j6v6g$i1u@dub-news-svc-2.compuserve.com>
Source record: 204001

I am thinking about buying one of the AEA
remote coax switches. Does anyone have
any experience with either AEA or other
manufacturers remote coax switches ?

I am referring to the switches that typically
mount on the tower, and have a control box
at the radio equipment site.

Thanks for any help.
Mat
mat@clearnet.com

4003. Re: WHOLESALE ELECTRONIC PRODUCTS from China

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4j7063$mk@crash.microserve.net>
Source record: 204002

feustel@netcom.com (David Feustel) wrote:

>Don't Worry. The U.S. will be a totalitarian society by the year
>2000.

I know of no basic individual rights, including those described in the
Constitution, that are not already subject to government control.

73,
Jack WB3U

4004. TS-50 .vs. IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: joe@sd.inri.com
Message-ID: <4j7289$n4o@gozer.inri.com>
Source record: 204003

I am looking for a portable HF radio. I've got a chance to
purchase a used Kenwood TS-50(HF) with the optional CW filter.

I have also been looking at the Icom-706. I am new to amateur
radio and would like your opinion with regard to portable HF
transceivers.

Kenwood TS-750 (used) $700.US
Icom IC-706 (new) ~$1200.US

Comments Pros/Cons are welcome.

--
--joe
My opinions are mine...All mine.
joe@sd.inri.com
Inter-National Research Institute
10101 Old Grove Rd. Sandy Ehgo, CA. 92131
For long you live
and high you fly
and smiles you give
and tears you cry
And all you touch
and all you see
is all your life will ever be...PF.DSotM

4005. Re: IC-706 - Looking for likes/dislikes....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: mamoman@xs1.xs4all.nl
Message-ID: <4j6up6$4a0@news.xs4all.nl>
Source record: 204004

1: No tuning option !!! (only when original tuner from icom is bought).
2: Not all the filters are included..

Further the unit works great, this is a radio for life..

Martin.

watty (watty@mail.voicenet.com) wrote:
: I am looking at the IC-706 as a possible mobile rig. I was wondering if
: anyone who has/had one would recommend it, or any weakness it has.

: Thanks,

: N2RDD
: watty@voicenet.com

4006. Choosing a GPS receiver ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: fbonnet@zen.dedal.fr.net
Message-ID: <c7xVxoalk97d087yn@zen.dedal.fr.net>
Source record: 204005

I don't know if it's the right newsgroup to post this
article, but I need a GPS receiver and I don't know
whiwh one can I choose.

What about Garmin GPS 39 and 45 ?

Best 73,
Francois - F1ITT

fbonnet@zen.dedal.fr.net

Francois Bonnet F1ITT (@F8KLY.FRHA.FRA.EU)
Lyon / St Etienne
FRANCE

4007. TM-241A display trouble???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: LEMPICKI@austen.oit.umass.edu
Message-ID: <4j79n4$7ga@nic.umass.edu>
Source record: 204006

Hi! My 2m TM-241A started acting up this weekend after several yrs of good service. The display gets very erratic, lighting up most segments. The problem comes and goes...has anyone experienced this? -Gerry

4008. WTB: HF Rig

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: jcboone@avana.net
Message-ID: <NEWTNews.827810583.17340.jcboone@jcboone.avana.net>
Source record: 204007

Looking for a reasonably priced HF rig. Prefer solid state but would consider hybrid if price is right and tubes are reasonably new. E Mail direct.
Thanks & 73's
Jim/KF4ALV

4009. Re: QRO HF-2000 Amplifier

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: jchol@aol.com
Message-ID: <4j7hbk$rhi@newsbf02.news.aol.com>
Source record: 204008

I really like mine. It is very quiet which is a requirement for me. It is the quietest of any of 5 amplifiers I have owned. I don't run it with more than about 40 watts of drive = 800 to 1000 watts out. I am a conservative kind of guy. It will run about 1300 out with 100watts. It is forgiving of error. I make lots of mistakes, such as transmitting on the wrong band, etc.

73 de John , WA5TWL

4010. Re: Remote coax switches -- any experience(s) ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: jchol@aol.com
Message-ID: <4j7hqk$rm5@newsbf02.news.aol.com>
Source record: 204009

I am using the Ameritron 5 position switch - no problems after two years.

73 de John , WA5TWL

4011. Re: Wanted Rotor for Alliance HD-73

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-25 00:00:00 UTC
From: Frank Donovan <donovanf@jekyll.sgate.com>
Message-ID: <Pine.OSF.3.91.960325204358.26404D-100000@jekyll.sgate.com>
Source record: 204010
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap,rec.radio.amateur.antenna

Mike,
You can obtain the rotor units from:

Norm's Rotor Service
5263 Agro Drive
Frederick, MD 21703
301-874-5885 M-F 0800-1700

On 23 Mar 1996, Michael T. Hodgson wrote:

> I am looking for one or more working rotor motor units for the Alliance HD-73
> series. I have the control units already, just no rotors.
> Please e-mail replies to: redlight@nando.net
> Thanks
> Mike
> KF4HXR

4012. Re: ____, my FM-25 is ____ed! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: nrj@cdx.net
Message-ID: <4j8b33$p2f@news.bellglobal.com>
Source record: 203861
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

jgedmond@hic.net (James G. Edmondson) wrote:

>........
>2.) He did not just say he ____ed up his transmitter, he said it over and
>over again. Not only that but he went into excessive detail about things
>that had nothing at all to do with the radio problem to the point of
>distraction.

>.. Did the profane
>post elucidate anything for anybody?

Well his FM 25 is still FUCKED UP I'm looking for his girl
friends phone number and what are you ass holes doing to
help this well meaning dude out.

R.

4013. Re: If you don't like it!...(Was: @!#$, my FM-25 is @#&%$! What to do?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: nrj@cdx.net
Message-ID: <4j8bes$p5k@news.bellglobal.com>
Source record: 203862
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

jonejonz@atl.mindspring.com (John Q. Customer) wrote:

>dpm3@dpm3.seanet.com (Dan Morisseau) wrote:

> Point out that the newsgroup in
>>question is one in which such stuff is wholly unexpected and in which young
>>hobbyists participate.

Are these the same "young hobbyests" who when they are in
the restroom light up a joint and use words you haven't
heard yet??? Catch up with this century before you have to
face the next one!

>Sure Dan, hold up that child again as a shield to justify your
>Draconian censorship!

>John

4014. >>>>HELP - Small VHF Xmitter for Airborne Telemetry<<<<

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: BlueSky@tiac.net
Message-ID: <3158530A.156C@tiac.net>
Source record: 203863

Can someone help me by pointing me to a schematic or an article of a small VHF transmitter? It is
to be used to relay telemetry from a series of high altitude rockets. Following are the (desired)
specs:

Frequency: 2m band or nearby; XTAL controlled;
RF Power: 50-250 mW output;
Supply: 9-12 VDC (battery);
Modulation: N/A

Complexity (ie. size and weight) should be as low as possible, as should the cost - lets face it -
the typical life of these devices will be measured in minutes. I would preffer to build the xmitters myself as integral part of a telemetry package.

I have hundreds of various scanner crystals that fit in this category. They have fundamental
frequencies around 16MHz, but I don t really know if I can use them for this project.

I would very much appreciate any help in this matter. I can be also reached at

mailto:BlueSky@TIAC.net

My thanks to all those who reply!

73s

Chris (WR1F)

4015. Rechargeable Battery Source?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: jhill@timewave.com
Message-ID: <4j98u5$n2r@cobra.Minn.Net>
Source record: 203864
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

Does anyone have a source for either Nickel Metal-Hydride or Lithium-Ion type cells? I am particularly interested in AA cells. It seems that none of the big HT battery pack dealers have any. Thanks in advance...John

John Hill NJ0M
jhill@minn.net

4016. Re: Kenwood 870 ,Icom 775 or YAESU FT-1000mp?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: Bill Crocker <billc@mail.rust.net>
Message-ID: <3158006B.7B4F@mail.rust.net>
Source record: 203865

Carlos Ramirez wrote:
>
> Just for a curiosity which of the three is the best. First, consider overall
> performance and second, the best value . Does the 870 has dual frequency
> receive?
> Carlos

Carlos:

No, it does not. Other than that, it's a super radio!

Bill Crocker

4017. FS: Kenwood TM-742a

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: Robert H&#65533;yvald <72242.477@CompuServe.COM>
Message-ID: <4j9gmh$69g$1@mhafn.production.compuserve.com>
Source record: 203866

For sale:

Kenwood TM-742a with decoder in mint condition. Low low hours of
usage. Asking $600.00 with shipping
E-mail Bob KB2UWJ 72242.477@compuserve.com

4018. IC706: use of FL223 as primary SSB filter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: dgf@netcom.com
Message-ID: <dgfDovux9.M8A@netcom.com>
Source record: 203867

Would it be possible to replace the main SSB IF filter in the IC706 with the optional FL223? If so, then it would make SSB "narrow" by default, but that would be fine for my mobile usage (where I don't care about sound fidelity), and would let me install a narrow CW filter in the remaining optional position. While I suspect one might have to slightly adjust the transmit SSB offset (it is a front panel option during SSB mode) I suspect it might work.

Has anyone tried this?

73 Dave WB0GAZ dgf@netcom.com

4019. WTB KENWOOD PROGRAMER

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: donaldt@ipars.sds.com
Message-ID: <4j9lo7$e4v@news2.cts.com>
Source record: 203868

LOOKING FOR A KENWOOD PROGRAMER FOR THE 701/801/720/820 SERIES RADIOS

WILL PAY CASH

PLEASE E-MAIL ME OR CALL 619-425-9659
DONALD

4020. Need info on NOVEX FC7100 for R7000

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: sba3020@InfoNET.st-johns.nf.ca
Message-ID: <4j9njs$8jc@coranto.ucs.mun.ca>
Source record: 203869

A few years ago EEB made an HF option for the Icom R-7000 called
the NOVEX - FC7100B. It let the R7000 cover from 20 Khz to 25 MHz.
The unit had a off/on/ttl switch, HF connector, V/UHF connector,
TTL connector and another connector with a RCA female jack.
Can someone tell me about this option, how to use it and
it's specifications. I called EEB about it and the said they
still sell it but don't have any information on it. Even
if someone had an owners, it manual would be just what I wanted.

Anyone else have this EEB option for the R7000?

4021. How to catch ArtSci magazine?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: egroen@inter.nl.net
Message-ID: <Dow381.DuK@inter.NL.net>
Source record: 203870

Hi there,

Can anyone help me to get the e-mail, fax number or POBox of the
publishers of ArtSci mag?

TNX

Enno, egroen@inter.nl.net

4022. Re: TEN-TEC Omni VI

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: turner@safety.ics.uci.edu
Message-ID: <4j9mco$fu3@safety.ics.uci.edu>
Source record: 203871

I replaced an IRCI equipped Kenwood TS 940S/AT with an OMNI VI a few
months ago. I also was able to let go of my Drake twins soon after
the switch. (silly, I know, but I needed the money, and the OMNI was the
R4C equal in everything I could see except out of band rejection.)
I made some comparisons before the move. Here are some
of my basic feature comparisons:

Kenwood TS 940 * Ten Tec OMNI VI

1. Slope tuning wonderful * PBT very sharp, not as versatile as slope
for SSB

2. IRCI filters great, * Filter choices much better, quite as
nar SSB and CW (400 Hz pair) * sharp as IRCI, more of them, cheaper

3. Audio peak for CW great * No audio peak filter, digital lowpass fair

4. General coverage receive * ham band only, no big problem

5. built in AC only power supply * no built in supply, but runs on 12 vdc
good for many purposes

6. built in auto tuner * no tuner, but good final section,
I always use an external tuner anyway

7. good RF processor on SSB * audio processor, yuck

8. VBT on cw * PBT with narrow filters equal to VBT

9. 3 level attenuator * one level of attenuation

10. dual great noise blankers * one noise blanker, good

11. Very heavy unit * light, easy to move

12. stupid memory system * very good memory and menu system

13. manual notch * auto notch and manual notch, but
auto notch distorts SSB audio

14. filters dep on mode * filter choice indep of mode

15. * anx antenna switch (rcv) on front panel

16. * keyer built in, auto ID timer, better
fast VOX for SSB, bandstacking registers
and other more modern features included.

17. auto tuning rates for * static tuning rate, but set from front
band scanning from knob * panel. Can set very slow, for precise

CW tuning with narrow filters

****

Now, in general, the receivers were comparable under most circumstances. I am in an area where a local AM BCB station pushes the TS 940 meter to full scale even with the 30 db attenuator on. For 160 and 75 meters, without an antenna tuner in line, the front end of the 940 crumbles. The OMNI does maybe a bit better, but not a big difference. I always put a tuner in line to work 160 and 75. (I use a nonresonant 450 foot horizontal loop 40 feet up, it loves to pick up AM BCB. The only receiver that can handle it is my Drake R4C.)

The Kenwood 940 has more pleasant sounding receive audio on SSB with the pair of 2.7 KHz filters against the OMNI pair of 2.4's. The Ten Tec auto notch is useful, but I don't like its distortion.

In close in signal work, where big signals come up next to your weak ones, the OMNI seems to do a lot better than the 940. Not common circumstances, and not a huge difference as far as I can tell, but enough to notice. Makes working stations much more pleasant under heavy QRM. You can REALLY TELL during a 160 meter contest in the late evening, when the CW signals commonly come in with full scale 60 db over S9 ... and you want to hear a weak one next door. You kick in a 250 Hz filter behind a 500 Hz filter behind the standard 2.4 KHz filter and tweak the PBT. It is impressive.

BOTH rigs suffered from bad gain equalization with the CW filtering. Switching in the narrowest of CW filters in either rig with a weak signal can be tough since the filters have a lot of loss. Ten Tec has an extra IF amp you can use to make up for some of the loss, but it does not cover all cases, as I have found (especially the pair of 250 Hz filters). The Kenwood with IRCI 400 Hz filters suffers the same. Not a big deal to put in a little bit of extra gain yourself in either rig though.

Overall, I still respect and love the 940. I keep an IRCI equipped Kenwood TS 440S/AT because I love the thing so much. It keeps up in 99 per cent of all situations. However, the Ten Tec OMNI just puts me over the top in good selectivity / filtering options and the 12 vdc power source, which is important to me. There are other good things about it, but these were the critical factors to my choice.

Clark

.....

Clark Savage Turner, Graduate Student Researcher
Software Engineering Testing
Department of Info. and Computer Science 1514 Verano Place
Irvine, CA. 92717 Irvine, CA. 92715
(714) 824 4049 (714) 856 2131

WA3JPG, QRP #3526, active on HF, VHF and UHF.

4023. NEED HEATH SB300/400 SCHEMATICS/MANUALS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: er972@cleveland.Freenet.Edu
Message-ID: <4j9b6u$pok@madeline.INS.CWRU.Edu>
Source record: 203872

In my recent move to Hawaii my *OLD* Heath 's-line' manuals got lost.

I haven't had them operational for almost 15 years and they need a thorough
renovation. I also might need a source of some of the WEIRD tubes in these sets
I do have some new 811's and 813's and a couple of 4cx250's to trade.

thanks
Rick N6JRH/K6AUA
<gulliver@tecnet1.jcte.jcs.mil> or rgulliver@pmrf.navy.mil

4024. Re: TEN-TEC Omni VI

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <Dow9Ft.7yz@iglou.com>
Source record: 203873

Yes...and I called them today to order it and they said they were out of
500hz filters for another 7 to 10 days so I said I'll just wait.
Also, I asked if the Omni 7 was coming along soon and he said "NO WAY".
So it looks like it will be a while longer for the 6.

: >Mann....!!! That was good....pant, pant,....where's my checkbook?
: >Hmmmm. 30 day money back guarantee??? How can I loose?

: Yes, well said. And if you're as happy as I am with the Omni VI, you
: won't be needing that 30 day money back guarentee.

: NV1B, CFO #963

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

4025. Re: Is Chuck Harders PRN 1000 shortwave RCVR any good?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: lrvvspcc@aol.com
Message-ID: <4j9r3b$jop@newsbf02.news.aol.com>
Source record: 203874

i think it is absolutly great reception

george e hale

4026. Re: FT-51r Reviews

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: davidm@hous.inmet.com
Message-ID: <Dow1zA.Fz3.0.-s@inmet.camb.inmet.com>
Source record: 203875

Hi.

Can you explain the meaning of "cannot erase a memory once it
is programmed" that just does not make sense! How do you change
them then?

David

Jerry Cupples (jcupples@iphase.com) wrote:
: In article <4j4d49$ra1@tzlink.j51.com>, richard@j51.com (J. Miner) wrote:

: > Hi
: >
: > I am Interested in the yeasu FT-51r and just wanted to know how other Ham
: > liked the rig.
: >
: > Thanks and 73,
: > Jon N2XFZ

: I like it. Works well.

: Only drawbacks are no direct (plug/jack) DC power input to the radio. I
: suggest buying the E-DC-12 DC adapter and the FBA-14 AA battery case
: (which regrettably don't work _together_). Covers all the local repeaters
: on both bands for me when used at base location with AR270 groundplane at
: 3 watts. I got the MH-12A2B remote mike, have gotten many good comments on
: audio.

: The FNB-38 9.6 V battery (600 mAh) lasts a disappointingly small time when
: used to transmit, even at reduced power. I read all the stuff about NiCd
: batteries, do it all, and then regret buying expensive, heavy battery
: packs that give you a tiny amount of power. My preference is to buy bulk
: alkaline batteries (they are 2,400 mAh) at Sam's, and throw em away. At
: about $1.20 per set, that's at least 40 sets for the price of a NiCd, and
: they last many times longer for me.

: I like the display and the keypad (backlit) and it is very small and
: solid. Has nice battery pack connection scheme inside the radio, spring
: loaded gold contact pins look very well made.

: It does have a strange limitation in not being able to erase a memory once
: programmed, and it will dump all memories if you follow manual
: instructinos for enabling then disenabling wide range reception.

: Still waffling over whether this rig is better than Kenwood TH79, but no
: major regrets.

: cheers,

: Jerry Cupples
: KC5SXA

4027. Re: Mobile broadcast equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: cardenas@kaiwan.com
Message-ID: <4j9u2j$f0r@kaiwan.kaiwan.com>
Source record: 203876

bobbles@panix.com (Bob Baxter) wrote:
>What kind of equipment would someone need to do low transmission
>broadcasting in the AM frequency. I know that a transmitter and antenna
>would be required. What about low voltage power sources for mobile use?

Bob,

Are you SURE you want to use AM?! There are a number of really fine FM Stereo Transmitter kits, for not too much money... More good news, they are fully transistorized and without too much effort, you can use a car battery and stay on the air for a LONG time.

I think there may even be a Newsgroup for folks that use such devices? They discuss all types of 'boards' and modifications for greater range. A few talked about a amplifier that can be attached for watts of output power, however, such operations would be in clear violation of FCC rules and regulations. I sure would not recommend it.

The only things I can recall about such AM efforts is a AC operated AM transmitter I have... It was designed for 'drive-by' open houses, where a external tape recorder/loop would mention the highlights of the property... A sign outside reads something like: "Tune Your AM radio to 1500 for more information about the property". Frequency is adjusted with a knob. (Yours for $50). It is transistorized so you may be able to modify it for mobile use.

The second item was a AC, one or two tube (117P7 or ??) 'oscillator' that happend to work ok in the AM Band... 'Miller' made the special coil that was required. I recall seeing the coil in the Allied and Newark catalogs many moons ago.

Tony
WA6IGJ

4028. Re: Kenwood TM-733 New Version

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: saremington@imt.net
Message-ID: <4j9qf1$hi9@cu.comp-unltd.com>
Source record: 203877

In article <4ittut$nkf@newsbf02.news.aol.com>, kd4geu@aol.com says...
>
>Can anyone confirm if the new 733's have a built in duplexer, I know they
>have the backlit mike?
>
>Thanks!
>
>KD4GEU@AOL.COM

If you check out Kenwood's web site, they specifically say the duplexer is external. And I just bought one of the suckers about a week before this announcement!

KC7MRV

4029. Re: TS-50 .vs. IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: mamoman@xs1.xs4all.nl
Message-ID: <4j9pvh$l3a@news.xs4all.nl>
Source record: 203878

Why not a alinco dx 70, In holland the Alinco (HF+6M) is cheaper then the
TS-50 of kenwood..
I bougth the IC-706 and the unit works great, I use a MFJ-941E tuner
behind it and My first connect was Sarajevo..!!

So I suggest a Alinco or Icom 706..

Martin.

Joe Carvalho (joe@sd.inri.com) wrote:
:
: I am looking for a portable HF radio. I've got a chance to
: purchase a used Kenwood TS-50(HF) with the optional CW filter.

: I have also been looking at the Icom-706. I am new to amateur
: radio and would like your opinion with regard to portable HF
: transceivers.
:
: Kenwood TS-750 (used) $700.US
: Icom IC-706 (new) ~$1200.US
:
: Comments Pros/Cons are welcome.

: --
: --joe
: My opinions are mine...All mine.
: joe@sd.inri.com
: Inter-National Research Institute
: 10101 Old Grove Rd. Sandy Ehgo, CA. 92131
: For long you live
: and high you fly
: and smiles you give
: and tears you cry
: And all you touch
: and all you see
: is all your life will ever be...PF.DSotM

4030. Need TS-820S Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: Bob Ludlum <brlpe@worldnet.att.net>
Message-ID: <3158B3BC.487A@worldnet.att.net>
Source record: 203879

I need a copy of the SERVICE manual (not the owners manual) for the
Kenwood TS-820S HF Transceiver.

Bob K4LXA

4031. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: Linn Boyd <blinn@okstate.edu>
Message-ID: <3158CE88.AF2@okstate.edu>
Source record: 203880
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

```
Gary Solida wrote:
>
> >
> > # >PS i can be reached on IRC (undernet) on #god or #troy>
> >
> > * Did we learn a new word today?
> > * A fine example of a commanding knowledge of the English language.
> >
> > Hear, hear..... postings like this make me really excited about
> > demonstrating Ham Radio and Newsgroups to my students.
> >
> > guttertrash

I think that this guy was just trying to get a rise out of all of the
people on this new group and did a good job of it!
--
============================================================
Linn Boyd 1995 Chevy C1500 Stepside
blinn@okstate.edu Xtant Kicker Solo's
DynAudio Sony CDX-900 Audio Control
============================================================
```

4032. Re: Rechargeable Battery Source?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: ddenter@nortel.ca
Message-ID: <4j9j8d$jhc@bcarh8ab.bnr.ca>
Source record: 203881
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

In article <4j98u5$n2r@cobra.minn.net>,
jhill@timewave.com (John Hill) writes:
>Does anyone have a source for either Nickel Metal-Hydride or Lithium-Ion
>type cells? I am particularly interested in AA cells. It seems that none
>of the big HT battery pack dealers have any. Thanks in advance...John
>

Try the RC hobby suppliers/magazines, the battery distributors seem
to target the radio control guys more than hams. I've been getting
most of my cells from Tower Hobbies (Sanyo Cadnica cells -- they also
have NiMH cells (with and without solder tabs)), they seem to have
better prices than the ham suppliers do (not an ad, just a satisfied
customer).

regards,
Dean.
--
Dean Denter work -> ddenter@nortel.ca
VA3CDD play -> ddenter@magi.com
[[[[[[[[[[[[[I speak only for myself]]]]]]]]]]]]]

4033. Re: What HF rig should a newbie buy ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: "usao6ret@erols.com" <usao6ret@erols.com>
Message-ID: <3158C7D5.752B@erols.com>
Source record: 203882

Jonathan M. Tallon wrote:
>
> Well, I've aquired my tech-plus license, and now I'm pinching my
> pennies to get a hf rig, & a 2m ht. I've got all the catalogs, but
> sorting out the features & jumping back and forth between
> descriptions and price lists makes it nearly impossible to compare
> models -- which brings me to my question - what hf rig (new or used)
> will get the job done, cheaply. Actually, I'd prefer to buy a used
> rig - it seems like new ones start over $1200, which is waaaaay too
> much for my budget. Any advice would be GREATLY appreaciated. Also,
> which 2m ht is the best for a newcomer ?
>
> I know the questions are vague, hopefully you can see where I'm
> getting at with all of this though. Again, thanks in advance.
>
> --
> "Aerodynamics are for people who can't build engines"
> -Enzo Ferrari-
>
> Jonathan M. Tallon jmtallon@mtu.edu M.T.U.
> KC8CVN - Amateur radioYou will get all sortw of advice. I recommend trying to hook up with a
used ICOM IC-735. If you can, get the Icom power supply with it and tryi
to find one with a 500 or 250 hz cw filter (I prefer the 250 hz, you will
need it later on). The IC-735 has been around for a long time and it is
hard to find because it is a fine rig.

As to the 2-mtr handheld, I am very happy with my Yaesu FT-470. It is a
dual-bander (144/450). You really should look for a daul bander -- they
don't cost that much more and you have a lot of flexibility.

Best advice I can give you is: Shop around; ask lots of questions; do
not buy the first thing that pops up. If you are not cmfortable with the
guy you are doing business with, don't buy from him. Take your time.

4034. MFJ 259

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: Adi Doron <adi4z4vg@netvision.net.il>
Message-ID: <3158DADF.31EA@netvision.net.il>
Source record: 203883

WHAT DO YOU KNOW ON THIS SWR ANALYZER ?

BEST 73 ? ADI 4Z4VG

4035. Re: TM-241A display trouble???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: kham@halcyon.com
Message-ID: <kham-2603961940010001@blv-pm2-ip8.halcyon.com>
Source record: 203884

In article <4j79n4$7ga@nic.umass.edu>, LEMPICKI@austen.oit.umass.edu
(Robyn Lyn Lempicki) wrote:

> Hi! My 2m TM-241A started acting up this weekend after several yrs of good
> service. The display gets very erratic, lighting up most segments. The
> problem comes and goes...has anyone experienced this? -Gerry

I don't own one but a ham on 2 mtrs told that the only problem he had
had was the LCDs doing something funny in very cold weather. That's all I
have.

Good Luck!, Dave

4036. DAYTON FLEAMKT SPACE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: mai@iquest.net
Message-ID: <DovrzG.9LE@iquest.net>
Source record: 203885

The lotto for spaces closed on Feb 5, 1996 and with the 'drawing' following shortly after (read couple weeks)
Yes, it's a full house, and those lucky to get picked should be seeing info in their mailbox, those not so lucky
will get back their checks. The Hamvention has a website:

http://users.aol.com/hamradioclub/dayton.html

You'll also find links from most amateur mgfrs and the ARRL websites.

NOW - THE IMPORTANT STUFF! I'LL BUY YOUR SPACE & TICKET!!!

GOT SPACES - FOUND OUT YOU CAN'T ATTEND? EMAIL ME!!! I'm looking for one, two, or three spaces and
Vendor Passes! No, I'm not brokering - I want for my own use. Having been going to Dayton since 1965, this is
only the second time I've had to scrounge for space! If you're brokering and looking to fund a new rig - save the
email.

Chuck Hawley's comments about the hassle to work within the rules is on target - as always - too many chiefs in
the DARA tribe and the poor little Indians are going eight ways at once. But, it is Dayton!

Patrick Croft WB9IQI (317)257-6811 Fax (317)257-1590 EMAIL : mai@iquest.net

4037. Swan 600/ Heath Apache

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: Ken Harrison <ken@cs.sonoma.edu>
Message-ID: <Pine.SUN.3.90.960326145717.17998A-100000@zippy>
Source record: 203886

I have a friend who has the Swan 600 twins and a Heathkit Apache transmitter. He is wondering what a fair asking price for these would be. They seem to be in pretty clean condition externally. The Apache worked when it was stored and the 600 twins *might* need a little work on a selector switch.

He wants to sell locally but needs an idea of an asking price.

73,
Ken

Ken Harrison --- ken@cs.sonoma.edu --- Amateur Radio: N6MHG
~~~~~~
~~~~~~

4038. NMO GPS Antenna?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: kjsmith@violin.aix.calpoly.edu
Message-ID: <4jafqh$jcm@violin.aix.calpoly.edu>
Source record: 203887

I'm thinking about adding GPS to my vehicle (a good compliment to all of the ham gear :-), but I'm a little disappointed at the availability of external antennas. I got away from mag mounts long ago, and I'm not looking for some bulky clamp-on boat antenna either.

I know GPS is being used by more and more companies for AVL, so I'm figuring someone must make an NMO version of a GPS antenna. If not, then how about some kind of N-connector mount for the roof?

Any sources for these items would be appreciated. I checked out a couple of catalogs (Tessco, Larsen, etc) without success.

--
Kirk J. Smith, KD6RCT, EMT-P | Biological Sciences Dept, Microbiology
kjsmith@oboe.aix.calpoly.edu | California Polytechnic State University
http://www.calpoly.edu/~kjsmith | San Luis Obispo, California, USA

4039. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: kd1nr@anomaly.ideamation.com
Message-ID: <4jaaqa$520@anomaly.ideamation.com>
Source record: 203888
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

In article <dpm3.1005.00181931@dpm3.seanet.com>,
Dan Morisseau <dpm3@dpm3.seanet.com> wrote:
>In article nrj@cdx.net (Rob M.) writes:
>
>
>>I though the original FM25 post was perfectly O.K. so when
>>is omeone going to actually help this guy??
>
> When hell freezes over, pal! The jerk got himself into a jam, let him get
>himSELF out! He needs to learn to ask civilly and without going out of his way
>to offend others.
>
It's time I follow up to your post Dan. In one part you suggested writing
to postmaster@xxx.xxx.xx but this is one place where you might frustrate
yourself more than anything. Try writing to postmaster at this site
and see what response you get. :)

>
Tony

>
>
>
>

--
== Tony Pelliccio, KD1NR
== As offensive as I wanna be.
== kd1nr@anomaly.ideamation.com

4040. Re: ____, my FM-25 is ____ed! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: rumple@serv01.net
Message-ID: <3157a0a7.4043523@vixa.voyager.net>
Source record: 203889
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

On Tue, 26 Mar 1996 09:18:59 GMT, nrj@cdx.net (Rob M.) wrote:

>jgedmond@hic.net (James G. Edmondson) wrote:
>
>>........
>>2.) He did not just say he ____ed up his transmitter, he said it over and
>>over again. Not only that but he went into excessive detail about things
>>that had nothing at all to do with the radio problem to the point of
>>distraction.
>
>>.. Did the profane
>>post elucidate anything for anybody?
>
>
>Well his FM 25 is still FUCKED UP I'm looking for his girl
>friends phone number and what are you ass holes doing to
>help this well meaning dude out.
>
>R.
>
>
>

I'm quite sure that they aren't doing or for that instance will be
doing anything for him or you. Profanity is the way weak minds use to
express themselves. Not pointing any fingers but if the shoe fits...

4041. Re: TM-241, FT-2200, FT-2500, TM-251, FT-3000?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: kham@halcyon.com
Message-ID: <kham-2603961944540001@blv-pm2-ip8.halcyon.com>
Source record: 203890

In article <4j6ueu$3hb@nadine.teleport.com>, tculin@teleport.com wrote:

> kham@halcyon.com (David A. Kay) wrote:
>
> > I am trying to decide on a 2 meter or 2/440 rig for the car. The
> >TM-241 and FT-2500 come in tops on QST intermod rejection, but have no
> >DTMF dialing capability, which I use quite a lot. The FT-2200, 3000 and
> >the TM-251 have autodial capability.
>
> > If you have any of these, how like them and evaluate them for
> >intermod rejection and ease of use for DTMF dialing?
>
>
> > TNX, de AB7FV, Dave
>
> I just went the 9 yards on this as well and chose the 2500M. 1) the
> mil spec vibration/shock thing was important to me as this was going
> in my 4x4. The next important thing was intermod rejection, and 2500
> is stiff. Driving around with a dual band antenna through intermod
> alley and not a chirp. Same results with a 5/8's tuned 2 m antenna.
>
> I almost went for the 2200 also ruled out the 3000 at $500 why not buy
> a real dual band - 70 watts heck I don't even use 50 all that much.
>
> I suggest that you make a table with the features you want on one
> axis, and the radios on the other, check off the features in each
> radio and the radio with the most checks wins.

Thanks, Ted. I have done so and came up with the 3000. It has the
same 2 meter receiver as the 2500 so should be very "chirpless" plus I
need the autdial memories. Good choice on your part. My brother did the
same. And I just heard that the ICOM 2000 is not nearly as intermod free
as it is advertised to be. Thanks for you help!

73's Dave

4042. Re: Alinco DR-150T or Ramsey Kit?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: Rick Perry <kg7a@wolfenet.com>
Message-ID: <31587491.39D2@wolfenet.com>
Source record: 203891

LMcKelp wrote:
>
> In article <19960323.195407.9615.1.redbone@juno.com>, redbone@juno.COM
> (Douglas R Davis) writes:
>
> >Would I be better off just to buy the DR-150T alinco 2 Meter Mobile for
> >$479.00?
> >(Amateur Electronic Supply)
> >
> >Doug
> >
> >KC8CGX
> >
> >
>
> That sounds like a load of cash for a 2 meter only radio. I only paid $70
> more for a new Kenwood 733A last year, and I hear they are even cheaper
> now! But, as they say on the Oldsmobile Aurora commercial, "It's your
> money..."

Stay wih the DR-150T, I think you must be looking at the "Suggested
Retail Price". You should be able to get one for around $329.00 at AES,
HRO, and the many other's. Much better than a Ramsey. My experience
with Ramsey radio's has been less than satisfactory.

Rick, KG7A

4043. Re: Maggiore Repeaters???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: Rick Perry <kg7a@wolfenet.com>
Message-ID: <315877D4.7D28@wolfenet.com>
Source record: 203892

Williams - Debbie wrote:
>
> Looking for opinions from anyone using a Maggiore repeater, especially
> in a harsh environment (an unheated, un-air conditioned building).
>
> We're considering one for a club repeater and would greatly appreciate
> your comments!
>
> Thanks and 73s,
> Debbie, N5SKA
>
> You really need to answer several other questions, how harsh an environment for one. How cold and how hot? For many repeater's you can get certain add on devices that will help in severe climate. Most of the repeater's made are pretty good and will do what you want with few exceptions, I would be more concened with the duplexer's in extreme climates, expansion and contraction of the metal used can really cause trouble. Coax or hardline? What frequency 2 meter's, 440 and so on.

Anyway, I been where you are now with respect to starting a repeater. I've now built 7 repeater's and learned that usually the actual machine is the least of the problems.

Rick, KG7A

4044. Mods for DJ-180T?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: Rick Perry <kg7a@wolfenet.com>
Message-ID: <31587A99.3DC4@wolfenet.com>
Source record: 203893

Just getting back on the air and have ordered an Alinco 180T (price was great). Any mods out there that are in common use? Thank You

73's Rick, KG7A

4045. FS: Yaesu FT 411E 2m package (radio + accessories)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: kucharsk@nessie.dr.att.com
Message-ID: <DouoDr.CM0@bigtop.dr.att.com>
Source record: 203914
Cross-posted to: rec.radio.amateur.equipment,co.general,boulder.general

```
For Sale:
=========

Yaesu 2m HT package consisting of:

(1) Yaesu FT-411E 2m HT, mint condition, with manual
(1) Yaesu CSC-35 (Soft case for 411E + FNB-17 battery)
(1) Yaesu CSC-37 (Soft case for 411E + FNB-12S battery)
(2) Yaesu FNB-17 7.2v, 600ma (2.5w output) batteries w/charger
(1) Yaesu FNB-12S 12v, 600ma (5w output) battery
(1) Yaesu PA-6 Car DC Adapter/Charger

+ 12v and one 7.2v batteries less than one year old.
+ Never dropped or abused, always kept in one of the two soft cases.

Reason for sale: Upgrading to dual band HT

Asking $300/offer.

William Kucharski
kucharsk@drmail.dr.att.com
(303) 538-5259
--
| William Kucharski, contractor, Lucent Bell Labs | Opinions expressed herein
| Work Internet: kucharsk@drmail.dr.att.com | are MINE alone, NOT those
| Fun Internet: kucharsk@netcom.com Ham: N0OKQ | of Lucent Technologies.
| President, "Just the Ten of Us" Fan Club | "Dittos from Denver, CO"
```

4046. Kenwood 870 ,Icom 775 or YAESU FT-1000mp?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: carlosr@csulb.edu
Message-ID: <4j85ct$q9i@hatathli.csulb.edu>
Source record: 203915

Just for a curiosity which of the three is the best. First, consider overall performance and second, the best value . Does the 870 has dual frequency receive?
Carlos

4047. Kenwood TS-870S Mods Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: Bootlegger@msn.com
Message-ID: <00001fed+0000319f@msn.com>
Source record: 203916

Wanted:

I'm looking for any mods for the Kenwood TS-870S.
I need the extended TX/RX mod (ie Mars/CAP) for this radio.
The new Yaesu FT-1000MP uses a software mod for expanded
coverage and I was wondering if the Kenwood TS-870 does
likewise. I would also appreciate any comments good or bad
this radio as I missed the recent QST review.

Thanks!

73 de N9MSS Bob

4048. Re: FS Tuner

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: Kootz@apollo.ph1.uni-koeln.de
Message-ID: <4j8dsk$df8@news.rrz.uni-koeln.de>
Source record: 203917

alt.radio <102745.360@CompuServe.COM> wrote:

>MFJ 300 Watt 941D Tuner. Good Cond. $50. Jeff
are you prepared to mail it to germany?
i will buy it.
contact me at: kootz@apollo.ph1.uni-koeln.de
73 thilo

4049. yaesu ft2100b,does it eat finals?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: Mud.Puppy@bbs.mhv.net
Message-ID: <4j8j9k$l15@news.mhv.net>
Source record: 203918

anybody found a way to stop the 2100b from eating finals(572b's)
for lunch?
seems the russian tubes are best...any comments?
john

4050. FT-102 Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: parlette@pop.mag-net.com
Message-ID: <4j8m12$cso@mag-net.com>
Source record: 203919

Thanks for reading. I need a shop manual for the Yeasu FT-102.
Hope you can help me.
Thanks.............Dave
parlette@mag-net.com

4051. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: Gary Solida <irish@sea.ar.ispnet.com>
Message-ID: <4j8aqg$j5s@zeus.intellinet.com>
Source record: 203920
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

```
>
> # >PS i can be reached on IRC (undernet) on #god or #troy>
>
> * Did we learn a new word today?
> * A fine example of a commanding knowledge of the English language.
>
> Hear, hear..... postings like this make me really excited about
> demonstrating Ham Radio and Newsgroups to my students.
>
> guttertrash
```

4052. Re: If you don't like it!...(Was: @!#$, my FM-25 is @#&%$! What to do?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: andys@euronet.nl
Message-ID: <4j8oul$ble@news.euro.net>
Source record: 203921
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

dpm3@dpm3.seanet.com (Dan Morisseau) wrote:

>It is an apporpriate consideration. I wouldn't (and haven't) objected to
>remarks in newsgroups where the title etc. give notice of the potential bad
>manners of some participants. That doesn't fit this situation. Don't play the
>cilvil libertarian defender of the First Amendment unless you understand the
>issue and the law, John.

To which I would like to add that there are many of us in this newsgroup who do not live in the United States, and to whom the First Amendment is irrelevant. I am, however, aware of the significance of the First Amendment, and would like to say this: The First Amendment is a right, and one which you are justified in seeking to protect. But with rights also come responsibilities. It seems to me that too many of you demand the first without being willing to accept the second. The posting of obscenities in this newsgroup is IMHO an irresponsible act which shows the person responsible up in a very poor light indeed. It is also an insult to the vast majority of decent people who live in the US and who do *not* abuse the First Amendment. Furthermore, every time you post an obscene word, racist comment or whatever, you are handing ammunition to those who want to see the Net more tightly regulated. Ultimately, your actions could bring about curbs on the very freedom you are claiming to uphold. Think about it!

--- END OF SERMON ---

Please, no E-mail or flames on this. It is off topic, but I believe it needed saying. Now let's get back to talking about shortwave radio.

4053. Re: If you don't like it!...(Was: @!#$, my FM-25 is @#&%$! What to do?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: "John Q. Customer" <jonejonz@atl.mindspring.com>
Message-ID: <3157F1CF.2DC2@atl.mindspring.com>
Source record: 203922
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

Dan Morisseau wrote:
>
> In article jonejonz@atl.mindspring.com (John Q. Customer) writes:
>
> >Sure Dan, hold up that child again as a shield to justify your
> >Draconian censorship!
>
> It is an apporpriate consideration. I wouldn't (and haven't) objected to
> remarks in newsgroups where the title etc. give notice of the potential bad
> manners of some participants. That doesn't fit this situation. Don't play the
> cilvil libertarian defender of the First Amendment unless you understand the
> issue and the law, John.
>
> I think I clearly understand the issue and the law, which is exactly my
point, Dan. There really IS no issue, and certainly IS no law (at least,
not yet). How about let's keeping it that way. The language offends the
hell out of me. It's sad that my kids can no longer read this Group
without me first looking at it. But it's MY responsibility to manage
what they see, not yours, not the author's, not some service provider,
and most definately not our society's or our government's
responsibility.

What other "issues or laws" would you like to see put into place to
further erode our freedoms guaranteed by the First Amendment?

John Q. Customer

4054. Re: If you don't like it!...(Was: @!#$, my FM-25 is @#&%$! What to do?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: "John Q. Customer" <jonejonz@atl.mindspring.com>
Message-ID: <3157F3FF.1676@atl.mindspring.com>
Source record: 203923
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

Dan Morisseau wrote:
>
> In article jonejonz@atl.mindspring.com (John Q. Customer) writes:
>
> >Sure Dan, hold up that child again as a shield to justify your
> >Draconian censorship!
>
> It is an apporpriate consideration. I wouldn't (and haven't) objected to
> remarks in newsgroups where the title etc. give notice of the potential bad
> manners of some participants. That doesn't fit this situation. Don't play the
> cilvil libertarian defender of the First Amendment unless you understand the
> issue and the law, John.
>

I clearly understand both the issue and the law, which is precisely my point, Dan. There really IS no issue and there certainly IS no law (at least, not yet). It saddens me to know that my kids can no longer read this Group without me first reviewing it. But it's MY responsibility to manage what they read, not yours, the author's, some service provider's, and certainly not society's or our government's. How about let's trying to keep it that way, Dan.

What other plans do you have that can further erode the freedoms guaranteed to us by the First Amendment of the U.S. Constitution. I'm sure we're all anxious to hear them.

John Q. Customer

4055. Re: If you don't like it!...(Was: @!#$, my FM-25 is @#&%$! What to do?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: "John Q. Customer" <jonejonz@atl.mindspring.com>
Message-ID: <3157F70E.67D9@atl.mindspring.com>
Source record: 203924
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

Andy Sennitt wrote:
>
>
>
> To which I would like to add that there are many of us in this
> newsgroup who do not live in the United States, and to whom the First
> Amendment is irrelevant.
> It is also an insult to the vast majority of decent people who live in
> the US and who do *not* abuse the First Amendment. Furthermore, every
> time you post an obscene word, racist comment or whatever, you are
> handing ammunition to those who want to see the Net more tightly
> regulated. Ultimately, your actions could bring about curbs on the
> very freedom you are claiming to uphold. Think about it!
>
> --- END OF SERMON ---
>
>

That's exactly what the First Amendment protects, Einstein. It allows us the Freedom to abuse it, respect it, think its irrelevant, hate it, love it, etc.

Obviously, your views toward the irrelevance of The First Amendment, and probably the U.S. Constitution, allow you to make such ignorant statements.

John Q. Customer

4056. Commander 2500 Amp

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: Bill Grassa <grassa@magicnet.net>
Message-ID: <4j7git$13k@comet.magicnet.net>
Source record: 203925

Brand new Commander 2500 amp...2 months old....$2300 plus shipping

4057. Commander 2500 Amp

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: Bill Grassa <grassa@magicnet.net>
Message-ID: <4j7gk1$13k@comet.magicnet.net>
Source record: 203926

Brand new Commander 2500 amp...2 months old....$2300 plus shipping

4058. Commander 2500 Amplifier

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: Bill Grassa <grassa@magicnet.net>
Message-ID: <4j7gs3$13k@comet.magicnet.net>
Source record: 203927

Brand new commander 2500 Amp....$2300 plus shipping

4059. Re: If you don't like it!...(Was: @!#$, my FM-25 is @#&%$! What to do?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: "R. J. Grochowski" <rjgrocho@rockdal.aud.alcatel.com>
Message-ID: <3157FE8F.59E2B600@rockdal.aud.alcatel.com>
Source record: 203928
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

The most intelligent thing I've read in this thread. Should be posted
to every newsgroup in Usenet, filed in every ftp site, and the first
paragraph of every web page.

TNX Andy ... Well done.

RG

Andy Sennitt wrote:
:
: dpm3@dpm3.seanet.com (Dan Morisseau) wrote:
:
: >It is an apporpriate consideration. I wouldn't (and haven't) objected to
: >remarks in newsgroups where the title etc. give notice of the potential bad
: >manners of some participants. That doesn't fit this situation. Don't play the
: >cilvil libertarian defender of the First Amendment unless you understand the
: >issue and the law, John.
:
: To which I would like to add that there are many of us in this
: newsgroup who do not live in the United States, and to whom the First
: Amendment is irrelevant. I am, however, aware of the significance of
: the First Amendment, and would like to say this: The First Amendment
: is a right, and one which you are justified in seeking to protect. But
: with rights also come responsibilities. It seems to me that too many
: of you demand the first without being willing to accept the second.
: The posting of obscenities in this newsgroup is IMHO an irresponsible
: act which shows the person responsible up in a very poor light indeed.
: It is also an insult to the vast majority of decent people who live in
: the US and who do *not* abuse the First Amendment. Furthermore, every
: time you post an obscene word, racist comment or whatever, you are
: handing ammunition to those who want to see the Net more tightly
: regulated. Ultimately, your actions could bring about curbs on the
: very freedom you are claiming to uphold. Think about it!
:
: --- END OF SERMON ---
:
: Please, no E-mail or flames on this. It is off topic, but I believe it
: needed saying. Now let's get back to talking about shortwave radio.

4060. Re: WANTED: Free HF Transceiver...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4j8uai$5v3@mksrv1.dseg.ti.com>
Source record: 203929

Hear, hear! What a great attitude this fellow has! I, too, have loaned gear to beginners and handicapped hams to help get them started.

I agree that there were a lot of rude, insulting responses to this poor guy's request. It really does hurt to ask, I suppose. A lot of folks have a hard time when they are first starting out. That's no reason they can't try to have a hobby as well. And he wasn't asking for a FT-1000 or TS-950SDX, just some kind of rig. I'll bet he'd have been thrilled with an HW-101, Tempo One, or some other old but workable rig, just to get on the air. That's the way I was back in my impoverished college days. I had a borrowed HW-101 that I was very pleased with.

Cut the guy some slack!

73 de KC5NG

4061. Re: ...(Heading deleted to protect the innocent)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: walt@servelan.co.uk
Message-ID: <4j8vfd$929@tube.news.pipex.net>
Source record: 203930
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

nick@lansley.demon.co.uk (Nick Lansley G1KZI) wrote:

>I suppose the only problem is it would kill articles with words such
>as "Poshitridge" - a village near where I lived in the Midlands..!

Not to mention Wyre Piddle, Piddletrenthide, Scunthorpe, Carse of
Gowrie, etc.

>This is off-topic but a thought anyway...

Quite.

>I haven't looked - are other newsgroups where the original article was
>posted having this conversation?

Yes!

Regards,

--
Walt Davidson E-mail: walt@servelan.co.uk
100523.1414@compuserve.com

4062. WTB: HF/AMP CHEAP!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: n9mxt1@aol.com
Message-ID: <4j8cfm$7jd@newsbf02.news.aol.com>
Source record: 203931

Hello,
I am in the need for a new HF/AMP that covers 10-80 if possiable...
Looking to spend about $300-$350. Please, let me know if you have
anything...

Thanks and talk with you soon... N9MXT1 - Jeffrey

4063. Re: If you don't like it!...(Was: @!#$, my FM-25 is @#&%$! What to do?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: "John Q. Customer" <jonejonz@atl.mindspring.com>
Message-ID: <315834DF.AFA@atl.mindspring.com>
Source record: 203932
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

Dan Morisseau wrote:
>
> If you want to get under the offender's skin, just give him a cc of the e-mail
> complaint to the ISP; it would be the courteous thing to do anyway. Anotehr
> tactic 9which I do not endorse) is to e-mail back to the offender a copy of
> his offensive post. If enough unhappy newsgroup participants do this (some
> guys do it over and over and over and ...) his mailbox will get full REAL
> soon. But, as I said, THAT WOULD BE WRONG!!!
>
> Dan Morisseau
> N7ZXL
> 47 17' 16"N / 122 11' 40"W
> Elevation: 300'

Hey Dan, or Steve, or whatever your name is,

Is this what they teach you up in the woods of Washington State, just a bit north of Prarie Ridge, a little east of Bonney Lake and Puyallup? Did you visit the Michigan Militia for your email tactical training?

Hey everybody, if you really want to hide out, away from the reality of living in the United States of America in 1996, away from drugs, crime, profane language, and newsgroup abuse, then visit Dan and his buddies out in the middle of nowhere, Washington. Just think, you guys could maybe even write your own Constitution. By the way, is Pat Buchanan a member of your little Draconian hermit club?

Don't suggest that people wage cyber war on others, Dan, unless you've got as much spare time on your hands as we do.

John Q. Customer

4064. FT-990 Owners/Users ..Need some help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: Mel Dixon <MELD@mimi.itg.ti.com>
Message-ID: <315866A3.684@mimi.itg.ti.com>
Source record: 203933

I left a message yesterday requesting some help on increasing the power out on the FT-990 and recieved two answers. The gentleman suggesting a look at the reflected power, thanks, I did and its ok. The other gentleman, Paul P., I could not get back to you as your e-mail address seems bad. I tried pbp@gate.ti.com with no luck.

I am trying to increase the output of the 990 by about 10 to 15 watts. The factory setting is low by that amount and the Henry 2KD linear is asking for more grid current. The normal grid current should be between 225 and 250 mA. I am driving to about 185 mA. Thouhgt if there was a output adjust on the 990 I would turn it up a bit.

Mel. wb5btg.

4065. FT-101Z optional equip. wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: Laurens <100342.1365@CompuServe.COM>
Message-ID: <4j7dc7$p91$1@mhafc.production.compuserve.com>
Source record: 203934

I got myself a Yaesu FT-101Z and was wondering:how much do the FM unit and the Digital frequency display normally go for?

Laurens

RS171840, UK

4066. Commander 2500 Amplifier

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: Bill Grassa <grassa@magicnet.net>
Message-ID: <4j7gp0$13k@comet.magicnet.net>
Source record: 203935

Brand new commander 2500 Amp....$2300 plus shipping

4067. Tentec Reflector

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: ashworth@plaza.ds.adp.COM
Message-ID: <9603260120.AA18322@adphdw20>
Source record: 203936

As there have been many threads lately about Tentec equipment, I thought it might be useful for the masses to know of a reflector dedicated to Q&A about Tentec equipment. If interested, send a message to:

tentec-request@akorn.net

Leave the subject blank

In the text, type: subscribe <insert your address here>

After a few minutes, a message will return confirming your subscription.

As far as I know, the reflector is a private service, not connected in any way to TenTec.

Enjoy,

Dennis, K7FL

4068. LogWindows Reflector

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: ashworth@plaza.ds.adp.COM
Message-ID: <9603260124.AA18343@adphdw20>
Source record: 203937

A reflector for technical support and other inquiries related to AEA's
LogWindows program has been established. If interested, send a message to:

logwindows-request@ve7tcp.ampr.org

Leave the subject blank

In the text, type: subscribe <insert your address here>

After a few minutes, a message will return confirming your subscription.
Neither I nor the reflector are associated with AEA.

Enjoy,

Dennis, K7FL

4069. Re: Alinco DJ-G5 MODS Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: subbustr@whidbey.net
Message-ID: <4j7mn5$7l5@whidbey.whidbey.com>
Source record: 203938
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

If'n iz a DJ-G5T

Locate and cut the BLUE wire.
(top right side of ht)

subbustr@whidbey.net

4070. WANTED** YAESU FT80C Marine/Land Mobile HF Transceiver ** WANTED

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: umbra@opennet.net.au
Message-ID: <4j7n5b$a8h@Tandem1.opennet.net.au>
Source record: 203939

I need a couple of Yaesu FT80C all mode HF transceivers.

Anybody with ideas on a commercial provider of these radios
would be welcome to come on down and tell me where to get 'em,
either from the States or anywhere else in the world !

Please reply to umbra@opennet.net.au

Regards,

Zak VK6BMZ

4071. Novatech DDS3 Synthesiser Board

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: umbra@opennet.net.au
Message-ID: <4j7njq$a8h@Tandem1.opennet.net.au>
Source record: 203940

G'day ! Any amateurs bought and used this board for experiments ?

I built a 'Techno Wizzy' DDS kit from the states a few years ago and it was a nightmare. Spurious garbage all over the place, with most spurii only 5-10 dB down from the desired signal, I mean MASSIVE junk.

I'd like your comments and/or advice on this board because I'm contemplating buying one. Yeah, been to Novatech's web site and it looks good, but there's nothing like getting the real drum on a device, rather than the promo spiel (which is always rosy!)

Comments to umbra@opennet.net.au please !

73
Zak VK6BMZ

4072. Re: If you don't like it!...(Was: @!#$, my FM-25 is @#&%$! What to do?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: Ray Woodward <raywoodward@enterprise.net>
Message-ID: <0xvcMHA6BGWxEwIm@enterprise.net>
Source record: 203941
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

In article <3157F70E.67D9@atl.mindspring.com>, "John Q. Customer"
<jonejonz@atl.mindspring.com> comments :

>That's exactly what the First Amendment protects, Einstein. It allows us
>the Freedom to abuse it, respect it, think its irrelevant, hate it, love
>it, etc.
>
>Obviously, your views toward the irrelevance of The First Amendment, and
>probably the U.S. Constitution, allow you to make such ignorant
>statements.

As neither Andy Sennitt or I live in the USA why should we have to put
up with stupid ignorant American individuals who post nothing but
obscenities or other excrement in various newsgroups ?

It has *nothing* to do with *any* amendment (or any part of the American
constitution for that matter).

It purely a case of common sense and human respect, something *some* US
citizens seem to lack ...

>John Q. Customer

[Imagine my surprise !] - you haven't the backbone to sign your *real*
name ...

How very sad ...

--

Ray

/////\\
(# #)
-----oOO-(_)-OOo---
++++ My WWW page: http://homepages.enterprise.net/raywoodward/ ++++

[raywoodward@enterprise.net]

4073. Need Maxar50 Manual (UHF)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: "Charles A. Rubenstein" <rubenc@iglou.com>
Message-ID: <Dous1o.Dtz@iglou.com>
Source record: 203942

I need to find a service manual for a Motorola Maxar50 UHF radio.
Please respond to rubenc@iglou.com if you have one.
Will gladly pay for copying or manual

Thanks.

Charlie

4074. SP430

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: bobenglund@aol.com
Message-ID: <4j9dn5$eru@newsbf02.news.aol.com>
Source record: 203943

I'm looking for a Kenwood SP430 speaker. Please contact me directly with price and condition.
Bob

bobenglund@aol.com

4075. Help Repeater Linking!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: KMAGLOUGHLIN@delphi.com
Message-ID: <4j7r4g$pt@news1.delphi.com>
Source record: 203944

>From: gary@ke4zv.atl.ga.us (Gary Coffman)
>Subject: Re: Help Repeater Linking!
>Message-ID: <1996Mar23.182833.10591@ke4zv.atl.ga.us>
>Reply-To: gary@ke4zv.atl.ga.us (Gary Coffman)
>Organization: Destructive Testing Systems
>References: <4ip9bc$m1a@useneta1.news.prodigy.com>
><4ipeov$45l@news.inc.net> Date: Sat, 23 Mar 1996 18:28:33 GMT
>Lines: 80
>In article <4ipeov$45l@news.inc.net> Will Flor <willf@rrgroup.com>
>writes: >MKWS78A@prodigy.com (William Rahl) wrote:
>>>Could someone direct me to a good book on repeater linking. I have
>>>heard of voters and linking remote receivers via radio or Telephone
>lines. >>
>>>I looked in the Handbook,but it really doesn't explain to much. What I
>>>want
>>>to know is a Remote receiver just that ,a RX radio or is it a another
>>>Repeater!
>>
>> I can't recommend a good book, unfortunately, but a remote receive
>site is >typically another repeater. Most multi-site 2m repeaters I'm
>aware of, for >instance, link the remote receive sites to the main
>site by 440 MHz links, so >the remote receive sites are really
>cross-band 2m/440 repeaters. They have >repeater controllers,
>auto-ID, etc. just like the main repeater; they listen on >the
>repeater's input frequency and transmit on the link frequency. The
>link >receiver at the main site receives the link frequency and
>provides audio for >the voter, etc.
>The links aren't technically repeaters. They are stations in auxillary
>operation, and the links aren't usually in the repeater portion of the
>70cm band, thus the stations cannot be repeaters by law.
>The link transmitters may or may not be COR operated by the remote
>receivers. In some systems, they are active any time the voting system
>is in operation. The voter has to have information as to which remote
>receiver has the best signal from the user station currently
>transmitting. There are several ways to implement this.
>One method, called tone or voice, sends a tone down the link except
>when the remote receiver limiter current exceeds some preset value.
>Then the receiver audio is switched to the link. At the master site,
>the absence of a tone signals the voter to put that receiver's audio
>to the main repeater transmitter. This is a first come first serve
>voter, and isn't particularly good when several remote receivers are
>all receiving the user signal.
>Another method, called tone over voice, transmits a varying frequency
>tone whose frequency corresponds to the remote receiver limiter current

>(generated with a voltage to frequency converter) at all times, along
>with the voice output of the remote receiver. This tone is pitched
>higher than voice, and is filtered out at the master site by the
>voter. The voter decodes the tone (with a frequency to voltage
>converter) and votes the receiver with the highest limiter current as
>the one to feed to the repeater transmitter. This works better than
>the tone or voice systems.
>Another system, called an audio SNR voter, just feeds raw remote
>receiver audio down the link at all times. At the master site,
>the voter does an audio SNR measurement of each remote receiver
>and feeds the one with the best SNR to the repeater transmitter.
>Obviously the remote receivers have to operate unsquelched, and
>the links are transmitting raw noise most of the time. (If the
>remote receiver were squelched, the voter would measure it as
>having the best "quieting" and always vote it to the repeater
>transmitter, a highly undesirable form of voting.)
>It is possible to combine audio SNR voting with squelched remote
>receivers and COR operated links. Then the SNR measurement will
>be on the channel noise of the link receiver when the remote
>receiver is squelched (and the link transmitter off), and thus
>will not be voted to the repeater transmitter. The link receivers
>are, of course, operated unsquelched.
>This is probably the most popular system used by amateurs, but it
>does have some drawbacks. If the user is in a noisy location, say
>driving in a vehicle with the window down, the noise picked up by
>his microphone can confuse the voter. And links keying up and down
>can introduce pops in the link receivers that can confuse the voter.
>Remote receiver limiter current is a better measure of signal quality,
>but it requires the link transmitters to be active at all times.
>Varients of these systems can use phone lines instead of RF links, but
>that can get expensive because you need a line for every remote
>receiver.
>Gary
>--
>Gary Coffman KE4ZV | You make it, | Due to provider
>problems Destructive Testing Systems | we break it. | with
>previous uucp addresses 534 Shannon Way | Guaranteed!
>| Email to ke4zv@radio.org Lawrenceville, GA 30244 |
>| .

The two methods that are most often used today use a status tone to determine which receiver is squelched and when that tone drops, the voting process begins via a s/n ratio process. In the case of the Motorola Spectra-TAC system, the comparator looks at the amount of noise in the band region just above the voice spectrum. The voltage generated from that measurement creates the criteria from which voting occurs. The GE system works pretty much the same way.

The Spectra-TAC in particular needs to have full time rf links, microwave circuit or a telephone line to connect the remote receiver to the comparator. The GE system does not. I have seen several installations

where the remote site was selected by the presense of a carrier from a link receiver. In this instance, the remote receiver was really a base station and the remote transmitter was slaved with the best signal quality from the remote receiver. This was NOT a repeater, but was a half duplex base system with several remote sites, all on the same frequency.

The voting process was handled by, I believe, E and M inputs on the back of the controller. I would have to look in the manual to be sure because I never did it that way.

On the other hand, the Motorola TAC system uses another method for determining signal quality. In the newer version of the system, the remote receiver uses three 6709 squelch chips that are set to 10, 20 and 30 db quieting respectively. The encoder card in the receiver is silent when squelched. When unsquelched it starts sending the lower tone with 10 db quieting. If the signal strength increases to 20 db, both tones are sent and if the signal is dfq at 30 db quieting or more, the high tone is sent. This has nothing to do with limiter current, it is really just three squelch controls which can be a real bitch to set up correctly, but when set, they generally stay set.

The comparator looks for each tone or the combination of the tones and makes its voting selection based upon the collection of tones from each receiver that it is presented with. The nice thing about this is no status tone is used. Therefore, rf links do not have to be up all the time. This may well end up being the prefered system for amateur use as it puts the signal quality measuring process at the receiver and the quality of the link does not come into play.

This does not, however, forgive the sloppy amateur practice of using unmatched equipment and different link receivers just because that is what was laying around or could be dredged up for free. Such practices cause the repeater to have a different sound depending upon the receiver selected or when a transmission is in progress the voter selects a different receiver and the signal that was about correct in audio level starts blasting because someone never bothered to set up the levels correctly.

Kevin KA0JQO

the only that stays the same is change. - Melissa Etheredge

4076. Re: Kenwood TS-870S Mods Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: Larry D'Anna <teamvid@chelsea.ios.com>
Message-ID: <315870ED.29FA@chelsea.ios.com>
Source record: 203945

Robert Young wrote:
>
> Wanted:
>
> I'm looking for any mods for the Kenwood TS-870S.
> I need the extended TX/RX mod (ie Mars/CAP) for this radio.
> The new Yaesu FT-1000MP uses a software mod for expanded
> coverage and I was wondering if the Kenwood TS-870 does
> likewise. I would also appreciate any comments good or bad
> this radio as I missed the recent QST review.
>
> Thanks!
>
> 73 de N9MSS Bob

Bob I have had the 870 for 3 months now. I find it excellent. I am able to pick out signals I was unable to with my other rig (FT890 Yaesu) Un fortunatly it is in the shop now with a bad optical encoder. When I try to slowly tune in a station the frequency will stop incrementing. I am wondering if anyone out there has had this problem or any other problems showing up?
73 LArry Wa3kok

4077. Re: TEN-TEC Omni VI

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: <>
Message-ID: <4j8sjg$4ko@mozz.unh.edu>
Source record: 203946

>: If you're looking for a rig with more bells and whistles than a Mississippi
>: riverboat you can look elsewhere. I you want the best raw performance in an
>: amateur band radio for the buck buy a Ten Tec Omni VI and don't look back.
>
>Mann....!!! That was good....pant, pant,....where's my checkbook?
>Hmmmm. 30 day money back guarantee??? How can I loose?

Yes, well said. And if you're as happy as I am with the Omni VI, you
won't be needing that 30 day money back guarentee.

NV1B, CFO #963

4078. Re: FS MILITARY COMM SHELTER UNUSED REAL NICE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: doogie <doogie@pop.fast.net>
Message-ID: <4j7udr$gjo@nn.fast.net>
Source record: 203947

WOW DO THESE COME WITH POT STUFFED IN THE HIDDEN COMPARTMENTS
BECAUSE YOU MUST AHVE FOUND IT AND SMOKED IT TO BE ASKING
2500 FOR SURPLUS CRAP
SEND ME THE DOPE DUDE

4079. Re: FT-51r Reviews

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4j80t1$101q@news.ccit.arizona.edu>
Source record: 203948

jcupples@iphase.com (Jerry Cupples) writes:
>richard@j51.com (J. Miner) wrote:
>>I am Interested in the yeasu FT-51r and just wanted to know how other Ham
>>liked the rig.
>> Thanks and 73,
>> Jon N2XFZ
>I like it. Works well.
>Only drawbacks are no direct (plug/jack) DC power input to the radio. I
...deletia...
>Still waffling over whether this rig is better than Kenwood TH79, but no
>major regrets.
>cheers,
>Jerry Cupples
>KC5SXA

A suggestion on the FT-51R and battery life. Buy your batteries from after
narket suppliers. I have the 7.2v/1500ma and 4.8v/1500ma packs from W&W.
Either last me two days of listening and occassional low power Tx'ing. These
are better than Yaesu batteries because they are vasstly less expensive and
easily equal in performance.

Also, try turning off many of the bells and whistles. Beep on an active
channel, lamp on an active channel, etc. I found them to be rather a lot
of fluff, and they chew up battery life. I bought my radio in late 12/94
or early 1/95, don't quite recall. Been very pleased and impressed with it.
Now beta testing EZ-CLONE software for programming. Fun radio to play
with.

Don't know anything about the Kenwood, never seen one

You know, a year+ is an awful long time for amateur radio makers to have
the same model HT's as their lead toy. This radio should be discontinued
soon, forcing down the price of existing stocks. Or so the trend seems
to have been the last several years.

Chris - N7RME

4080. IC-706/AT-180 mobile operation problems

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: Rastislav Slosiar <r.slosiar@trl.telstra.com.au>
Message-ID: <31579687.41C67EA6@trl.telstra.com.au>
Source record: 203949

Anyone tried to setup an IC-706 with the associated AT-180 into his car?

I get the following syndrome, especially on the 20m band. I use
a reasonably well tuned helical antena.

By pressing the TUNE button for more than 2 seconds, the tuner
starts tuning and quickly matches my helical antenna. The SWR
reading is then below 1.5. However, when I start talking, the
tuner light starts flashing (although the SWR reading is still
below 1.5) indicating it is trying to match the antenna again and
eventually goes out. I have to press again on the
TUNE button to get the tuner into operation. And then the same cycle
starts over. I am trying to do a QSO when engine off and in front of a
house ("stationary mobile operation"). Then I did the following
experiment: I removed
the antenna and connected a dummy load instead. While the TUNE
light is ON, I started transmitting into the load. The light
starts flashing for a while and then becomes steady, meaning that
the tuner was able to match the dummy load (great!). This is how the
tuner should operate when the antenna is connected.

Any hints from hams having experience with their HF transmitters
installed in a car? Does this have something to do with grounding?
I am currently using the helical on a magnet foot on the roof of the
car while stationary, and I am planning to set it up on a tow bar at
the rear of the car.

Any hints/suggestions are welcome.

Regards,
Rasti

r.slosiar@trl.telstra.com.au
HB9IIL / OM9ARS / VK3IIL
Any opinions expressed are my own,
not the ones of my company.

4081. FS: Yaesu FT-901DM plus...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: n3itn@fast.net
Message-ID: <4j87m1$ij8@nn.fast.net>
Source record: 203950

I have a mint Yeasu FT-901DM with a PK-232MBX and an AEA AT-300 Tuner and
a Bencher BY-2 (chrome) paddles and a sure 444 on a homebrew boom with a Korg
PS-1 foot switch, three dipoles 15-20-40 meter monobanders.
$600.00 for all...pick-up or add shipping
I'm in S.E.PA
73's de n3itn
n3itn@fast.net

4082. FS:Antennas

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: n3itn@fast.net
Message-ID: <4j87p3$ij8@nn.fast.net>
Source record: 203951

```
2 TH6DX 6-element tribanders
1 Butternut HV6V vertical
First $100.00 takes all
Pick-up or add shipping
I'm in S.E.PA
73's de n3itn
n3itn@fast.net
```

4083. Chgo Area Classes Nov/Tek/Gen/Adv/Xtra

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: dreambig@ix.netcom.com
Message-ID: <4j7tg2$hcu@ixnews3.ix.netcom.com>
Source record: 203952

So the printer said ....
"What's the big deal --
It's only one letter off!"

They are nice cards - just the wrong callsign.
So I asked myself "What can I do with all these
QSL cards that are 'almost' right?"
And then it came to me -- turn lemons
into lemonade and send them out anyway
to introduce myself and my
"one-day license seminars" to other hams.

My idea is simply this --
ham radio classes see a lot of drop-outs
because the classes go on too darn long!
People have better things to do with their lives
than attend 6 to 12 weeks of ham radio classes.
I am looking for students and
sponsors for one-day license workshops.
If you know anyone interested in getting their
Novice ticket or upgrading to Technician,
General, Advanced or Extra, please
have them call me. I will teach a one-day
theory seminar & workshop for any
license level -- Novice through Extra.
I've taught ham radio to about 300 people
during the past 10 years from Novice
through Extra and always enjoy the excitement
in the faces in front of me.

What do I need to make this happen?
I am looking for a club that wants to sponsor
the workshops. The sponsoring club will:
1) provide a suitable room for an all-day seminar
and
2) get students lined up for the classes.

What will the club get in return for their effort?
Classes are a great source of new members.
Classes can also be an income producer
if the club wants to charge for them.
Keep the money as a donation to the club
or let that money pay for a one-year club
membership for the new ham.
My services are free to the club and the students.

Please call me if....
* Your club or repeater group is
interested in sponsoring a workshop
* You or someone you know is interested
in a one-day Upgrade Workshop
* You know someone interested in a
one-day Novice Workshop

73 de WD9HCR
Larry Pike
(847) 776-3004
dreambig@ix.netcom.com

4084. Re: Icom 2AT Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: subbustr@whidbey.net
Message-ID: <4j8uql$kpf@whidbey.whidbey.com>
Source record: 203953

If iz a IC-02AT...Cut the "white wire" fer the opened
TX/RX...I had the same ht abt 10yrs ago....My buddy
did the mod and that's all I can remember....

subbustr@whidbey.net

p.s. I f and serial config iz 36,000 or over NEW mod!

4085. Re: Chgo Area Classes Nov/Tek/Gen/Adv/Xtra

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: philrut1@aol.com
Message-ID: <4j8o68$8vd@newsbf02.news.aol.com>
Source record: 203954

In article <4j7tg2$hcu@ixnews3.ix.netcom.com>,
dreambig@ix.netcom.com(LARRY PIKE) writes:

>I am looking for students and
> sponsors for one-day license workshops.

A WHOLE DAY!! I'm not sure people would be willing to take that much time
out of their busy lives to become a ham!!

4086. Cabling question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: Mark Pettigrew <m.w.pettigrew@shu.ac.uk>
Message-ID: <31585D1A.1CB0@shu.ac.uk>
Source record: 203955

I have just replaced the 30-odd metres of cheapo RG58U connecting my HF rig to my aerial with UR67, and measurements I made indicate a fair saving on power loss in the cable.

Two questions spring to mind:

(1) Would there be any benefit in terms of EMC to sheathing the cable run in copper pipe, suitably earthed? In an ideal case, I know that the inner surface of the screen in coax is half of a pair with the centre conductor, and no current should flow on the outside of the coax screen. However, about 10m of the coax runs underneath one limb of the dipole, so presumably there is at least a small induced RF in the outside of the coax screen because of that. So would a copper pipe as an extra 'screen' (I use the word inadvisedly, I am sure!) do any good, or would coupling between it and the coax cause more problems than it solves?

(2) I soldered the screens of the UR67 to the PL259 connectors using a fine gas torch and ordinary electrical solder. I just heated the connector around the hole until solder flowed into the hole, presumably contacting the screen of the coax. Does this damage the plastics in the UR67? (I smelt no smells!) And is the benefit of having a soldered metal-metal-metal connection rather than a metal-oxide-dirt-oxide-metal connection greater than any problem caused by heating?

Mark
G0WLR

4087. Re: MARS Mod for ICOM 737A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: Stephen Farlow <sefarlow@phoenix.net>
Message-ID: <4j8r0m$r3c@alterdial.UU.NET>
Source record: 203956

I have a 738 and obtained the mod from ICOM. You will have to send them a copy
of your MARS license, though, before they will send it to you.
Also, the tuner works in the MARS frequencies I need since they are barely outside
the ham bands (e.g. 4020 USB).

4088. FS: Diamond SX-1000 SWR & KPC-3 TNC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: white_hae@ccsua.ctstateu.edu
Message-ID: <1996Mar26.083426.1@ccsua.ctstateu.edu>
Source record: 203957
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

For Sale:

Diamond SX-1000 HF/VHF/UHF/SHF SWR & Power Meter. Absolutely perfect condition with documentation. Fwd/refl power, SWR, 5/20/20W ranges, avg/PEP power, lighted display. $195 shipped.

Kantronics KPC-3 TNC in perfect condition with all docs. $75 shipped.

Thx for reading. 73 de N1QVE Harry white_hae@ccsu.ctstateu.edu

4089. Ten-Tec 1209 transverter kit: comments?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: ddenter@nortel.ca
Message-ID: <4j8v9u$6qn@bcarh8ab.bnr.ca>
Source record: 203958
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

has anybody got any comments on the T-Kits 1209 2M -> 6M
transverter kit?

I'm looking at this kit for my next project.

I've built the Ramsey 2M PA, and several other kits, without
too many problems, so I've got a bit of kit building
experience.

How difficult is this kit? how good is the quality?
Are there other kits that are better that do the same
thing (2M->6M)?

Is 5W output enough to get started on 6M (I can add a PA
later -- maybe as next year's project :)).

regards,
Dean.
--
Dean Denter work -> ddenter@nortel.ca
VA3CDD play -> ddenter@magi.com
[[[[[[[[[[[[[I speak only for myself]]]]]]]]]]]]]

4090. Re: IC-706 - Looking for likes/dislikes....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: ag368@FreeNet.Carleton.CA
Message-ID: <4j91o7$npg@freenet-news.carleton.ca>
Source record: 203959

> watty (watty@mail.voicenet.com) wrote:
> : I am looking at the IC-706 as a possible mobile rig. I was wondering if
> : anyone who has/had one would recommend it, or any weakness it has.
>
>
> : Thanks,
>
> : N2RDD
> : watty@voicenet.com

If you plan on using it for a lot of 2 metre mobile or even base for that
matter you will want to preprogram all your repeater freqs into memory.
Not someting you would want to try while moving.

Also no DTMF for autopatch. Other than that it's a pretty good rig.

73

--
Mark Boyer VE3MJB ag368@freenet.carleton.ca

"Beauty is skin deep and ugly is to the bone and you ugly"
Fred Sanford to his sister-in-law

4091. GE Master II queries

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-26 00:00:00 UTC
From: cgreenha@magnus.acs.ohio-state.edu
Message-ID: <4j98va$h9g@charm.magnus.acs.ohio-state.edu>
Source record: 203960
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Hello all.

I got my hands on a GE Master II UHF rig with remote console, interface, cable, external speaker, and mic...basically complete.

I am wanting to put it on 9600 baud packet, and am trying to gather any and all information about it. IE; watts, amp draw, pin out of console and mic, where to get crystals, value, and just ANY other info you may would be appreciated. A schematic for this rig would probably bring tears to my eyes. :)

Thanks much, & take care.

--
Christopher K. Greenhalgh, N8WCT
Computer/Electronic Tech. II at The Ohio State University
E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

4092. Re: Help me choose a marine VHF handheld

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: rodell@atl.com
Message-ID: <1996Mar27.131553@atl.com>
Source record: 203762

My wife and I are pretty fond of our ICOM handhelds for marine use. The M-10 uses the new package and 'AA' cells, which makes it very nice. $199 in the discount shops, about $230 elsewhere. You can spend more, but there are few extra features you would need in a handheld, unless you want the DSC or scrambler (the M-10 does support the scrambler option, I believe).

You might post in rec.boats for a lot of specific opinions.

4093. Directory of ham gear mfgers?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: fedpress@omnifest.uwm.edu
Message-ID: <4jcn9f$ckl@omnifest.uwm.edu>
Source record: 203763

Once upon a time, I had info about an annual directory of ham equipment manufacturers. After a brief archological expeidition of my desktop, I cannot find it. Can anyone out there give me the name and address of the publisher?

TNX ES 73,

Rick WB9GYT

4094. Kenwood TM-733A CrossBand Repeat

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: "Bruce C. Raisley A.R.S. N9ZLE" <n9zle@concentric.net>
Message-ID: <315A0306.3F81@concentric.net>
Source record: 203764

I have the Kenwood TM733A, The radio works fine for all I need.

But I have thought about putting up a reapeater. By using TWO TM733s
I can configure a repeater for both the 440 band and 2 meters by using
the rigs in cunjunction with each other.Both haveing a remote/recieve
site. this will give a user on either band access to both. Enough said.

My problem is putting together an identifier for the system, I can
create the identifier, BUT the 733A will not allow itself to be keyed
when in crossband repeate mode, by mike or data conector.

Q. Is there any way of defeating this problem?

4095. Re: Ten-Tec 1209 transverter kit: comments?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: "B.C. 'Jay' Jackson, Jr." <jackson@mail.us.net>
Message-ID: <81757.jackson@mail.us.net>
Source record: 203765

I have just started building the TenTec 6 meter to 2 meter transverter. I have over 25 years experience building Heathkits, Knightkits, Eico, Ramsey etc. (Last year I built a Heathkit HK-232 TNC that I bought at their "going out of business sale" and had saved all these years. It was easy by comparison.) I can tell you this about the TenTec kit. Quality is good. Instruction manual is excellent in that it is very complete; however, if you are going to build this you'd better know what the heck you are doing. It shouldn't be your first electronic kit. They don't draw individual pictures of the parts like Heath did. You have to know or be able to figure out what all parts are by their names, including a few unusual ones. You have to wind RF transformers. You have to have access to some test equipment. You supply your own solder! In short, I am loving it. I enjoy building things like this, and I have all of the necessary tools, test equipment, etc. to do it right.

I will post when I get it done and let you know how it works.

BTW, I have already a TenTec 6 meter to 20 meter transverter, which I bought from a friend who built it and wrote an excellent review of it for a local club newsletter. It works but seems somewhat noisy on receive to me. I bought the new kit for the fun of building it, because I have a couple of 2 meter multi-mode rigs that have power controls and a few 2 meter HT's, because I can't cut down the power on my HF rig very well, because the new transvertor covers the whole 6 meter band, not just the lower 2 MHz. One negative on the new kit is that it doesn't have the bypass switch and extra M connector on the back like the 20 meter version does.

AF4O

B.C. "Jay" Jackson, Jr. - Fairfax, VA

4096. FS:VHF Amps 45 watts

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: qualcomm@netzone.com
Message-ID: <qualcomm.61.000A646E@netzone.com>
Source record: 203766

I have 2 VHF Motorola amplifiers. They are 150-174mhz but can be used in the 144mhz area with little degradation. .3-5watts input,model # N1274A...approx.45watts out. Asking $75 they are NEW.

Thanks,
Gary

4097. FT-1000MP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: Bob <w5tkb@airmail.net>
Message-ID: <315A19FE.179B@airmail.net>
Source record: 203767

For those who own FT-1000MP's, I have discovered that there is a mistake in the instruction book regarding the cw contest keyer function as described. Contact with Yaesu confirms the error and omission in the book. The contest exchange number function will not work as described. In order to use this capability, one must load contest exchange in memory associated with key/switch #1 rather than #2. Load into #1 your contest exchange followed by either 3 or 4 question marks depending upon your choice in function 7-6 for contest starting number. e.g 599 ???? switch #3 will increment contact number and #4 will decrement as described. You can use #2 as another memory -- just as described in book for #1. Yaesu will soon introduce the FTT-1000 key pad to use for these functions but in the interim you can build the switch setup described in the book. This is how I discovered the problem which was then confirmed by Yaesu. Apparently, they have no intention of informing buyers or supplying errata sheets unless they inquire.
Bob W5TKB

4098. IC-706/AT-180 mobile operation problems

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: Veldman@esass.iaf.NL
Message-ID: <31599c63.esass@esass.iaf.nl>
Source record: 203768

Rastislav Slosiar <r.slosiar@trl.telstra.com.au> writes:
> Subject: IC-706/AT-180 mobile operation problems
>
> Anyone tried to setup an IC-706 with the associated AT-180 into his car?

Well, I tried the AT-180 but not in my car. (For mobile operation it is
better to adjust the antenna itself rather than using a tuner. To get
the relatively short antenna radiating, it should be resonating).
I use the IC-706 currently as a base station in combination with the
AT-180, connected to a G5RV antenna (short dipole) with a current balun.

> By pressing the TUNE button for more than 2 seconds, the tuner
> starts tuning and quickly matches my helical antenna. The SWR
> reading is then below 1.5. However, when I start talking, the
> tuner light starts flashing (although the SWR reading is still
> below 1.5) indicating it is trying to match the antenna again and
> eventually goes out. I have to press again on the

EXACTLY THE SAME HERE! I have this problem on most bands. I did some
experiments, here are the results:

1) The phenomenon only occurs when using some kind of amplitude
modulation. If you X-mit with FM, no problem occurs. If you use either
AM or SSB, the tuner goes crazy.

2) I created two special dummyloads to test the tuner. One was 100 ohms,
and the other one was 25 ohms. This should be far within the tunable
range of the tuner. (According to the specs it matches 16.7 to 150).
The tuner did a fine job on matching 100 ohms, however, if I connect
the 25 ohm dummyload, the tuner initially tunes perfectly, but when I
start to modulate the 706 with AM or SSB, the light starts flashing,
and the tuner disables itself after a while, confronting the 706 with
a sudden mismatch.

> Any hints from hams having experience with their HF transmitters
> installed in a car? Does this have something to do with grounding?

It has nothing to do with your car. In my house it shows the same
erratic behavior. It has also nothing to do with grounding. A G5RV
is a symmetrical antenna, so actually it even doesn't need grounding.
I tried all sorts of grounds, but nothing helps. And remember, it
even fails on a 25 ohm dummyload. (If you want to do the same experiment
you can use two 50 ohm dummyloads in parallel to create a temporary
25 ohm dummyload). Your antenna probably has a low impedance on 20 meters.

I'm going to send the AT-180 back, unless I get a reasonable explanation
from Icom why the tuner behaves this way, or if they send me a fix.

The tuner *could be great* but it is useless at it is right now.

I would appreciate it very much if other AT-180 owners let me know their experience with this Icom 706 specific tuner.

--

Thunderbye,
Frans Veldman

| veldman@esass.iaf.nl Phone (ESaSS) + 31 - 24 642 2282 |
| 2:282/222.0@fidonet Fax (ESaSS) + 31 - 24 645 0899 |
| PA3GYR @ 3.7778 MHz LSB Fax (VirLab) + 31 - 59 138 2714 |
| PGP fingerprint: 8A 0F 36 90 29 6D 19 42 B7 8D 74 9A A7 E5 28 4E |

4099. Questions On 2M/440

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: Christopher A Perales <perales@alpha.fdu.edu>
Message-ID: <4jc3sl$k1e@ruby.interactive.net>
Source record: 203769

Anyone know what is the best unit out in the market for a portable 2M/440 and a rig? I had people say TH-79A?

4100. Re: MOD Wanted: FT-1000MP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: Boerge Ravn-OZ8BR/SM0EBP <boerge@br-consulting.se>
Message-ID: <4jc5ab$ae7@Steinlager.tip.net>
Source record: 203770

Hi Richard!

The Question - & the replies are gone!! HI
It can be done - a good, stable, clean signal generator is expensive.
If one can find/or make an attenuator I think you can make your rig into
a rather good s.g.
Of course you dont't connect a s.g. to an antenna - HI.
But - where can one find a good attenuator, with 10 dB steps over a
range of 100 dB - I am looking on all flea-markets for an old
"slaughterable" generator!
73's from Stockholm, where we are hoping for spring - temp right now up
& down around freezing, but the days are getting longer - in the coming
week-end we are switching to "DST
Boerge

4101. tk-340 uhf ht ot ft-40 fs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: Montbach/Bartlett <caspar@tiac.net>
Message-ID: <3158CC21.2F0B@tiac.net>
Source record: 203811

I will be selling one of these fine radios. I have a tk-340d uhf 24 ch ht, does hi/lo pl, dpl, scan, covers 430-475 reliably and is Keypad Programmable. in nice condition, $225 shipped. I also have an ft-40 uhf amateur ht, This Radio Does Real DPL! this is the 99 ch version. I like new condition w/all accy's. $275 shipped. Email me at caspar@tiac.net or call 617-491-2680 till 10 pm est. 73, Will, N1PXA

4102. tk-340 uhf ht or ft-40 fs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: Montbach/Bartlett <caspar@tiac.net>
Message-ID: <3158CC52.6EAC@tiac.net>
Source record: 203812

I will be selling one of these fine radios. I have a tk-340d uhf 24 ch ht, does hi/lo pl, dpl, scan, covers 430-475 reliably and is Keypad Programmable. in nice condition, $225 shipped. I also have an ft-40 uhf amateur ht, This Radio Does Real DPL! this is the 99 ch version. I like new condition w/all accy's. $275 shipped. Email me at caspar@tiac.net or call 617-491-2680 till 10 pm est. 73, Will, N1PXA

4103. [Q] `Maritime' Ham VHF/UHF Handy

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: torsten@rum.shnet.org
Message-ID: <1996Mar27.111956.32281@rum.shnet.org>
Source record: 203813

CQ CQ

I am looking for a vhf/uhf handy that covers - for the emergency case - the VHF maritime band, abt 156MHz, with as much HF pwr as possible - the (monoband) IC-T22 offers 100% HF up to 155MHz, tx up to 174MHz.

Connecting to abt 12 to 16 V DC shouldn't be a problem, automatic charging would be nice. As I have another rx for wx on board, am rx is not important to me.

It would be better still if there were such a beast that one could modify for 9k6 packet, but that's not the most important thing.

Oh, last but not least, price is a matter, too: It doesn't have to be the latest, smallest, nicest (whatever that is) or has to come with DTMF or CTCSS (it's for use in Europe).

mni tks es vy 73 de
Torsten
--
Torsten Fokuhl, Beethovenallee 8, D-22529 Hamburg, (Germany), EUROPE
torsten@rum.shnet.org // voice: +49 40 56 22 59 / fax: +49 40 56 61 30

4104. Wanted STANDARD C-450 Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: Hans Nordlund <ekahnod@soetx3.ericsson.se>
Message-ID: <3159ACE2.3F4C@soetx3.ericsson.se>
Source record: 203814

Hello!
Need a usermanual for my standard 432MHz FM handheld station C-450.
I have one from Japan,but don't understanding one word from this manual.

PSE help mee. send mail here or via Packet SM3LWP@SM3ESS
73's from Hans

4105. Standard HT Batteries

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: bfleet@mbl.edu
Message-ID: <bfleet-2703960742360001@smac2.mbl.edu>
Source record: 203815

I have 2 CNB163 7.2V 1000MAH batteries for the Standard C168A or 468A.
These have seen very little use 35.00 ea. or 65.00 for both, these are
shipped prices.

bfleet@mbl.edu

4106. Re: If you don't like it!...(Was: @!#$, my FM-25 is @#&%$! What to do?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: rhilberg@Hawaii.Edu
Message-ID: <DoxC2z.8wF@news.hawaii.edu>
Source record: 203816
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

C. Wheeler (cwheeler@ccnet.com) wrote:
: Stephen Farlow <sefarlow@phoenix.net> wrote:
: >First, clean up your obscene, offensive language!!!

: But you, and at least a dozen other responses I have seen, keep insisting
: on posting follow-ups and complaining about the original content.

: That "offensive" subject line, and thread will never go away if everyone
: keeps bitching about it.

Amen brother. If these self-righteous "I-think-I'm-Jesus" goody-two-shoes had half a wit about propogating the thread, they would have just let it expire; but no - they had to replicate and perpetuate the same thread that they were so offended by therefore offending not only those who dislike the language but those who dislike and are offende even more by their ignorance.

--
Thanks - Robert ;\

4107. WTB ICOM 1271

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: Ken Burtchaell <kburt@telis.org>
Message-ID: <4jbffn$196@mentor.telis.org>
Source record: 203817

Wanted ICOM1271 1296Mhz Transceiver Tnx and 73 Ken W6GHV

4108. FS: Heathkit HF station: SB-102, SB-640, SB-600, HP-23

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4jbh13$ctc@mksrv1.dseg.ti.com>
Source record: 203818
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

FOR SALE: A classic 1970s Heathkit HF station!

SB-102 HF CW/SSB transceiver
100% tube type, with pair of 6146s in the PA. 100 W
PEP output power on 80/40/20/15/10m. Original Heath
400 Hz CW filter installed. No un-documented mods.
SB-640 Remote LMO with interconnecting cable.
SB-600 Speaker with interconnecting cable.
HP-23 Power Supply with interconnecting cable.
Copies of all operating manuals.

Operating condition:
Fresh alignment, all tubes good, no known problems.

Cosmetic condition:
Front panels, lettering, VFO dials, etc, look good. The
aluminum knob skirts show minor wear. SB-102 and SB-640
cabinets have been re-painted an attractive light green,
a bit brighter than the original. SB-600 and HP-23 have
not been repainted and don't need it. Inside, all four
pieces are in good shape, not all full of crud, lint, and
smoke residue like many old tube-type rigs get.

ASKING price for the package is $300 cash (negotiable).
Buyer pays ACTUAL shipping costs. E-mail or phone me
if you're seriously interested. 73 and Thanks!

Dean Hemphill, KC5NG
PO Box 328
Lake Dallas, Texas 75065
(817) 497-5365 -- home
(214) 462-2033 -- work
QRP%mimi@magic.itg.ti.com

4109. Re: Recurring Repeater power amp problem???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4jbgo4$88t@newsbf02.news.aol.com>
Source record: 203819

In article <4jailm$lb4@dobie.loop.com>, eugene@ loop.com writes:

>The cavities are a highly inductive load and my not present a solid 50
ohm
>load to the amplifier. The circulator or isolator
>presents a constant load to the tx.
>
>Joe WB6HRO
>
>

Right on Joe, a cavity load makes a good test for load stability!. It's
the loss of "loading" and phase shift over a narrow frequency range that
makes the amp oscillate with a cavity load, not incoming signals.
73Tom

4110. Re: If you don't like it!...(Was: @!#$, my FM-25 is @#&%$! What to do?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: jonejonz@atl.mindspring.com
Message-ID: <4jbhk2$igr@B1FF.mindspring.com>
Source record: 203820
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

Ray Woodward <raywoodward@enterprise.net> wrote:

>In article <3157F70E.67D9@atl.mindspring.com>, "John Q. Customer"
><jonejonz@atl.mindspring.com> comments :

>>That's exactly what the First Amendment protects, Einstein. It allows us
>>the Freedom to abuse it, respect it, think its irrelevant, hate it, love
>>it, etc.
>>
>>Obviously, your views toward the irrelevance of The First Amendment, and
>>probably the U.S. Constitution, allow you to make such ignorant
>>statements.

>As neither Andy Sennitt or I live in the USA why should we have to put
>up with stupid ignorant American individuals who post nothing but
>obscenities or other excrement in various newsgroups ?

>It has *nothing* to do with *any* amendment (or any part of the American
>constitution for that matter).

>It purely a case of common sense and human respect, something *some* US
>citizens seem to lack ...

>>John Q. Customer

>[Imagine my surprise !] - you haven't the backbone to sign your *real*
>name ...

>How very sad ...

>--

What's really very sad, Ray, is that your utter ignorance and
prejudice prevents you from even understanding the concept of the
First Amendment or the U.S. Constitution. Please believe that us
"stupid ignorant American individuals" as you so eloquently put it,
are happy to know that you are not and never will be, a citizen of our
great country.

And John Q. Customer IS my real name, jackoff.

>Ray

>
> /////\\
> (# #)

>-----oOO-(_)-OOo---
> ++++ My WWW page: http://homepages.enterprise.net/raywoodward/ ++++
>---

> [raywoodward@enterprise.net]

4111. Re: TM-241A display trouble???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: John Passaneau <jep@leps.phys.psu.edu>
Message-ID: <3159782D.4E70@leps.phys.psu.edu>
Source record: 203821

David A. Kay wrote:
>
> In article <4j79n4$7ga@nic.umass.edu>, LEMPICKI@austen.oit.umass.edu
> (Robyn Lyn Lempicki) wrote:
>
> > Hi! My 2m TM-241A started acting up this weekend after several yrs of good
> > service. The display gets very erratic, lighting up most segments. The
> > problem comes and goes...has anyone experienced this? -Gerry
>
> I don't own one but a ham on 2 mtrs told that the only problem he had
> had was the LCDs doing something funny in very cold weather. That's all I
> have.
>
> Good Luck!, Dave

Hi
I have a TM-241, It does have the "display problem" In cold weather
the display will some times show all the segments or just some of them
or none at all. As I operate mostly on one repeter its worth noting that
the radio works just fine even when the display is acting up as I don't
need to change frequency etc. I beleve the problem to be mechanical not
electrical as most times a good wack on the radio brings it back. I
will some day get into the radio and see if I can find the problem, but
interments are hard to find as they go away when you look at them.
--
****
* JOHN PASSANEAU, WB8EIY *
* Penn State University, University Park, Pa. *
* My opinions are my own, not my employers. *
****

4112. Re:TS-870S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: cesar@iq.ufrj.BR
Message-ID: <199603271237.MAA11180@server.iq.ufrj.br>
Source record: 203822

On 26 Mar 96 10:36:03 -0800
Robert Young asked:
>Subject: Kenwood TS-870S Mods Wanted
>
>Wanted:
>
>I'm looking for any mods for the Kenwood TS-870S.
>I need the extended TX/RX mod (ie Mars/CAP) for this radio.
>The new Yaesu FT-1000MP uses a software mod for expanded
>coverage and I was wondering if the Kenwood TS-870 does
>likewise. I would also appreciate any comments good or bad
>this radio as I missed the recent QST review.
>
>Thanks!
>
>73 de N9MSS Bob
>
>------------------------------

The TS-870S did not seem to have the nice features of the Yaesu radio. Just looking at its schematics, it appears that it has the same Mars/Cap alteration as did the 850 and 450. The only difference is that there is no diodes to cut but only resistors. I did not find any others menus besides the calibration menu (N.R.+SSB on power on). There is another menu ?? (N.R.+CW on power on) just shows the word READY and 3 possibles positions but no further indication, besides an error code for the DSP. ANY Suggestions ???

73's
From PY1 BY
(cesar).

4113. WTB: IC-202

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: bob@waterw.com
Message-ID: <4jbn68$7ir@sea.waterw.com>
Source record: 203823

Does anyone have an old Icom IC-202 rig that they want to sell? I'd prefer a working one with manual, but let me know what you have and the price.

73
Bob

4114. Re: If you don't like it!...(Was: @!#$, my FM-25 is @#&%$! What to do?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: "R. J. Grochowski" <rjgrocho@rockdal.aud.alcatel.com>
Message-ID: <31596667.2781E494@rockdal.aud.alcatel.com>
Source record: 203824
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

John Q. Customer wrote:
> <snip>
> And John Q. Customer IS my real name, jackoff.

Actually ...

finger jonejonz@atl.mindspring.com
[atl.mindspring.com]
Login name: jonejonz In real life: Scott Hogg
Directory: /u3/jonejonz Shell: /usr/bin/false
No Plan.

RG

4115. Re: IC-706/AT-180 mobile operation problems

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: frederick.mckenzie-1@kmail.ksc.nasa.gov
Message-ID: <frederick.mckenzie-1-2703961108110001@k4dii.ksc.nasa.gov>
Source record: 203825

In article <31579687.41C67EA6@trl.telstra.com.au>, Rastislav Slosiar
<r.slosiar@trl.telstra.com.au> wrote:
> Anyone tried to setup an IC-706 with the associated AT-180 into his car?

Rasti-

I'm running that combination with good results. I have observed the
problem you mentioned on a couple of occasions.

In one case, I was trying to use a Hustler 40 Meter resonator on 10
Meters. I had been successful with that combination using the TS-50 and
AT-50, but the Icom was barely able to match it. Then, the light would
blink while transmitting, indicating that it wasn't a perfect match.

In another case, I tried a 160 Meter antenna on the same mount, which
happens to be a magnet-mount. When using an MFJ-249 SWR meter, the
antenna appeared to be a perfect match. When trying to match it, it
appeared to match after trying for a while. However, the light would
blink while transmitting, and sometimes go off.

I have come to the conclusion that something in the antenna system is not
linear! At low power levels when the tuner is tuning, one condition
exists. At higher levels when transmitting, another condition exists, and
is probably the result of an arc through the paint on the roof of the
car. In other words, I don't have a good ground at 1.8 MHz.

In your case, you may only have a marginal match. On the other hand, it
is always a possibility there is an arc condition or loose connection
causing your problem.

I have also observed that the AT-180 doesn't match as wide a range of SWR
as the Kenwood AT-50. I understand that there is a minor mod or switch
adjustment in the AT-180, that will reduce its sensitivity to reflected
power. I haven't tried it yet, but it might be all you need to resolve
your problem.

73, Fred, K4DII

4116. Re: If you don't like it!...(Was: @!#$, my FM-25 is @#&%$! What to do?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: 73573.1504@compuserve.com
Message-ID: <4jbp9e$f12@nntpa.cb.att.com>
Source record: 203826
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

The first amendment of the Constitution of the United States gives individuals they right to sat whatever they want without fear of criminal prosecution from the government. It in no way protects individuals from being criticized by other individuals for what they say or how they express themselves. The poster of the original article stepped out of the bounds of accepted "netequitte" and was properly criticized for it. Learn something about the Consitution before you appeal to it to excuse your lack of manners.

--
Mike Penner | Ballistics Master for Windows

>
>That's exactly what the First Amendment protects, Einstein. It allows us
>the Freedom to abuse it, respect it, think its irrelevant, hate it, love
>it, etc.
>
>Obviously, your views toward the irrelevance of The First Amendment, and
>probably the U.S. Constitution, allow you to make such ignorant
>statements.
>
>John Q. Customer

4117. Help! Swan 500C problems

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: draagen@news.connectnet.com
Message-ID: <4jbqke$38i@news.connectnet.com>
Source record: 203827

I recently acquired a Swan 500C transceiver. The price was right and I'm willing to work on it, but I've discovered a problem that perhaps someone reading this news group can help me with...

I've been using it as a receiver for a few weeks now, trying to improve my CW copying skills to the point where I could engage in a QSO (I'm a Tech +, and copy rather slowly, so far). I finally thought I was there, so I carefully read the tuning procedure in the Swan manual and attempted to follow it to the letter, intending to call CQ.

I ran into a problem right away. After following the Receiver tuning procedure, I started the Tranmitter tuning procedure and in the first step, where one keys the transmitter, then rotates the Carrier Balance control for minimum cathode current, discovered that I didn't have _any_ cathode current at all. Also, there was no power output indicated on my power meter.

I've checked as best I can with an old analog multimeter, and it would seem that all the voltages are present. I've swapped the P.A. drive tube with the audio frequency output amp tube (they're both 6GK6), and the transmitter mixer tube with the receiver mixer tube (they're both 12BE6), with no change in symptoms. I _don't_ have an oscilloscope, or I'd trace the signal path.

Any assistance would be welcome; I expect that I've got a marginal tube or two, as well, but once basic functionality is restored, I'll pursue that issue.

--
San Diego District Youth Leader
David Negaard phone: (619) 761-0280
625 Shenandoah Avenue mailto:draagen@connectnet.com
San Marcos, CA 92069 http://www3.graceland.edu/~jrmj/negaard

4118. TenTec NEWS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <Doxopw.BMr@iglou.com>
Source record: 203828

During a phone conversation with the T-T factory yesterday, I was told
that a new amplifier will be produced beginning around June of this year.
It will be rather simple with three 811's and cost in the mid 600 dollar
range.

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

4119. Re: Kenwood 870 ,Icom 775 or YAESU FT-1000mp?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: dstock@hpqmdla.sqf.hp.com
Message-ID: <Doxq83.E9y@hpqmoea.sqf.hp.com>
Source record: 203829

Carlos Ramirez (carlosr@csulb.edu) wrote:
: Just for a curiosity which of the three is the best. First, consider overall
: performance and second, the best value .

They all have their problems. TS870 uses DSP for all main
filtering, but after too much gain/AGC, so suffers bad close-in overload
before the signal reaches the digits. Sounds and works fabulously on less
than demanding conditions. 775 has possibility of fitting narrow option
filters to fix this problem, but then you get the standard analogue
filter performance of one of the very best radios, the 765, with what is
equivalent to a DSP *audio* filter behind it. FT1000MP is similar to 775.

It may take some time before analogue to digital converters get
improved to the point where they can equal the best of the all-analogue
radios, then DSP will have really arrived. You can do wonders processing
signals digitally only AFTER you've converted them to digital form.
Things are changing so rapidly, whichever you buy will be obsolescent, fast.

For that money, I'd insist on a radio with an upgrade path!

cheers
David GM4ZNX

4120. Re: What is a TS-711A?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: AC6V <ac6v@ix.netcom.com>
Message-ID: <4jbi7d$45a@dfw-ixnews3.ix.netcom.com>
Source record: 203830

Hi Bruce, I own a TS-711A and use it as my base station radio. Modes are A3J (SSB), F2, F3 (FM), A1 (CW). No AM like my old TS-700. Power in is 120V/240/220Vac and 12 to 16Vdc. Power out is continously variable from 2 Watts to 25 Watts.It is 15 lbs in weight. Dimensions W279 x H108 x D327mm. Double Superhet design 30.265 Mhz 1st IF, 10.695 2nd IF for SSB/CW and 455 kHz - FM. Has DCS Digital Code Squelch, Dual 10 Hz digital VFO, 40 channel memory, the offset and subtone (PL) can be memorized, has Auto mode select, Scan, RIT, IF Shift, Speech Processor, RF Attenuator. And a real D'arsonval meter -- no LEDS.

Not sure of mfg dates I think I saw new ones in catalogs about 1990 or so. Prices I have seen lately are from $600 to $750.

Options were VS1 Voice Synth and TU-5 Sub Audible Tone Encoder.Has ACC 1 and ACC2 rear connectors for com devices i.e., RTTY and computer interface it sez. I use a TR-7800 for Packet not the TS-711A.

Hope this helps.Nice Rig for contesting on 2M and base station. Accomodates my use of San Diego Repeaters very nicely as well as a some SSB freq I use.

73
Rod
--
****
Hark! I Have Hurled My Words To The Far Reaches Of The Earth!
What King Of Old Could Do Thus ? --- AC6V
****
A Man May Know Of The World Without Leaving The Shelter Of His
Own Home!
Loa-Tsze
****

4121. Re: If you don't like it!...(Was: @!#$, my FM-25 is @#&%$! What to do?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: "John Q. Customer" <jonejonz@atl.mindspring.com>
Message-ID: <3159761B.7020@atl.mindspring.com>
Source record: 203831
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

R. J. Grochowski wrote:
>
> John Q. Customer wrote:
> > <snip>
> > And John Q. Customer IS my real name, jackoff.
>
> Actually ...
>
> finger jonejonz@atl.mindspring.com
> [atl.mindspring.com]
> Login name: jonejonz In real life: Scott Hogg
> Directory: /u3/jonejonz Shell: /usr/bin/false
> No Plan.
>
> RG

Wow, R.G., you are really amazing. I'm sure that all of the members of the alt.radio.pirate newsgroup are really impressed by your investigative skills. For your next trick, maybe you could show us all how to jackoff and type at the same time.

Maybe you could hook up with our buddy Dan Morisseau in Washington. His number is (206) 752-1847. I bet you two would hit it off instantly.

John Q. Customer (using jonejonz@mindspring.com account, dumbass!)

4122. fs:ICOM H-16/MOT MT1000 - Search & Rescue

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: las5s@kelvin.seas.Virginia.EDU
Message-ID: <Doxqnp.G40@murdoch.acc.Virginia.EDU>
Source record: 203832

The Blue Ridge Mountain Rescue Group is in the process of
updating their current stock of hand-held radios. For this
purpose, we will need to sell the ones we use now. If you are
interested in any of the below, please e-mail
lauren@virginia.edu

9 ICOM H-16 (16 channel, rubbber duckie ant, prog. keypad)
approx 20 NiCad CM7/8 batts
6-unit multicharger
10 slow chargers
approx 10 CM12s (hold AA batts)

5 Motorolla Mt-1000
approx 15 NiCad batts
6 slowchargers
6 unit rapid charger

Thanks,

Lauren Schiff
KB8WLD
--
Lauren Schiff
(804)243-2172 lauren@virginia.edu http://kelvin.seas.virginia.edu/~las5s
Affiliations: Blue Ridge Mtn Rescue Group http://www.virginia.edu/~brmrg
Rodman Scholars Program http://www.virginia.edu/~rodman

4123. ICOM-738 mod?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: shuko@neptuno.ciberteca.es
Message-ID: <315A000D.3659@neptuno.ciberteca.es>
Source record: 203833

If you have any information to make the IC-738 transmit in all bands, please, send me it. I need it, because in my country is imposible to find any information about Icom equipments. Thanks.

4124. ICOM-738 MOD??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: shuko@neptuno.ciberteca.es
Message-ID: <315A027E.3B5D@neptuno.ciberteca.es>
Source record: 203834

If you have any information about ICOM 738 mods, please send me it by email. In my country is imposible to find any information about ICOM equipments.

Thank you very,very,very.... much.
email: shuko@neptuno.ciberteca.es

4125. Standard's C5900DA: Opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: feustel@netcom.com
Message-ID: <feustelDoxL0J.9C7@netcom.com>
Source record: 203835

I'm thinking about getting a triband mobile rig and the C5900DA
looks interesting (6 m, 2 m, 70 cm + packet to 9600 baud, cross band
repeat and remote control with HT). Does anyone have any experience
with and/or opinions of this radio?

How much does it cost?

Thanks.
--
feustel@netcom.com
Dave Feustel N9MYI For PGP Public Key, finger feustel@netcom.com
Fort Wayne, IN Or else access http://www.mixi.net/~feustel/
219-483-1857

4126. KENWOOD TH415E

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: Eric <tsuba@pacwan.mm-soft.fr>
Message-ID: <31599DB7.7C8F@pacwan.mm-soft.fr>
Source record: 203836
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

I'm looking for the instructions manual of the KENWOOD TH415E UHF FM Transceiver.

Could anyone help me ?

Thanks,

Eric.

4127. Yaesu "mil-spec" NOT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: levine@mc.com
Message-ID: <4jc0k5$c71@newsy.mc.com>
Source record: 203837

In article <kham-2403961408350001@blv-pm3-ip8.halcyon.com>, kham@halcyon.com (David A. Kay) writes:
--> Hello, all. After a number of conversations with Yaesu I have
-->learned the following:
-->
-->1. Both of these rigs are Mil Spec

I've wondered about this. Knowing how demanding mil (883-B for example) specs are, I doubt that any of the Yeasu radios are "mil-spec".

Mil spec requires specially screened semiconductos (plastic pkgs are not allowed) etc. How can Yeasu claim mil-spec on cheapo (relatively speaking dollar wise compared to mil-spec) radios?

--
/***
* Bob Levine *
* Manager of Application Engineering *
* Mercury Computer Systems KD1GG/VK2GYN/7J1AIS *
***/

4128. Results: Best Rig for SWL and Ham

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: cdorn@gpu.srv.ualberta.ca
Message-ID: <4jc015$tc8@pulp.ucs.ualberta.ca>
Source record: 203838

Hi,
Thought I would post the feedback on the question regarding opinions on rigs that perform well for SWL and Hamming. Concerns for SWL were primarily focused around appropriate filtering for AM and RX audio quality. The votes so far went to:
Kenwood TS870S - 3 Votes - Reasons: DSP and superior adjustable filtering contributing to excellent selectivity and audio quality.
Ten Tec Paragon - 2 Votes - Apparently the shape factor on the standard 6KHz filter is quite good. Otherwise, not much more info shared.
Kenwood TS940S - 1 Vote - Excellent RX audio quality, and dependable performance.
Yaesu FT900 -1 Vote - Good filtering and audio.
Japan Radio Company - 1 Vote - Enjoyable to listen to, although the 6KHz filter's shape factor is a bit broad.
I really appreciate all the comments and feedback. It looks like the Kenwood product addresses some of the SWL concerns in the area of filtering. I would be interested to hear some more about the Ten Tec Paragon II. I know that the Omni 6 is a highly regarded rig, and wonder if anyone out there uses a Paragon (I or II), and what their impressions are. Once again thanks for the input.
Chris VE6RDC

4129. Re: ...(Heading deleted to protect the innocent)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: nrj@cdx.net
Message-ID: <4jaeds$bee@news.bellglobal.com>
Source record: 203839
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

nick@lansley.demon.co.uk (Nick Lansley G1KZI) wrote:

>Karl Kurz <kkurz@acad.umm.maine.edu> wrote:
>>Hear, hear..... postings like this make me really excited about
>>demonstrating Ham Radio and Newsgroups to my students.
>>
>I agree - maybe writers of news client programs (such as Free Agent -
>the one I'm using) could add kill file facilties to blank out articles
>with rude words in them.

>I suppose the only problem is it would kill articles with words such
>as "Poshitridge" - a village near where I lived in the Midlands..!

>This is off-topic but a thought anyway...

>I haven't looked - are other newsgroups where the original article was
>posted having this conversation? Nice bit of bandwidth and disk
>storage used up if they are...

> <<< Nick Lansley G1KZI>>>

>For legal reasons, any messages in this article that reveal
>I may have taken part in any illegal activity (either directly
>or indirectly) are hereby disclaimed. I hereby state that I
>have taken no part in any such activity.

So why are you letting the "kiddies"' who could probably
teach you a few four letter words, check into
alt.pirate.radio? Training subversives are we?
>---
>Home: http://ourworld.compuserve.com/homepages/nicholas_lansley
>E-mail: nick@lansley.demon.co.uk or G1KZI@lansley.demon.co.uk

4130. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4jc3is$ksg@crash.microserve.net>
Source record: 203840

dreambig@ix.netcom.com(LARRY PIKE) wrote:

>Hey - why not spend a few extra bucks and go all the way --
>buy a REAL ground!

What type of ground are you referring to? It's almost impossible to achieve a good RF ground with ground rods. Even if you bury a couple of junk cars and weld them together (I know someone who did that), the length of the ground wire creates a series impedance that varies with frequency.

73,
Jack WB3U

4131. ARRL insurance

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: crum@xmission.xmission.com
Message-ID: <brivfq4bcd.fsf@xmission.xmission.com>
Source record: 203841
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

I'm thinking about ARRL insurance. Any experience with it (claims)?
I don't have too much stuff -- just a few FM radios for voice and
computer networking. But, I lost a handheld last year while hiking!
An Alinco DJ-580T! I'll certainly tether my HT nicely while hiking
from now on, but a friend said that ARRL insurance covers accidently
like that, so I'm interested.

4132. Re: Mobile broadcast equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: cardenas@kaiwan.com
Message-ID: <4jc3or$lep@kaiwan.kaiwan.com>
Source record: 203842

Bob:

The NewsGroup mentioned below is: alt.radio.pirate

Tony.
_____snipped for text_____

>bobbles@panix.com (Bob Baxter) wrote:
>>What kind of equipment would someone need to do low transmission
>>broadcasting in the AM frequency. I know that a transmitter and antenna
>>would be required. What about low voltage power sources for mobile use?
>_____

>Bob,

>Are you SURE you want to use AM?! There are a number of really fine FM
>Stereo Transmitter kits, for not too much money... More good news, they
>are fully transistorized and without too much effort, you can use a car
>battery and stay on the air for a LONG time.

>I think there may even be a Newsgroup for folks that use such devices?
>They discuss all types of 'boards' and modifications for greater range...
_____snipped for content_____

4133. Re: Need Maxar50 Manual (UHF)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: cardenas@kaiwan.com
Message-ID: <4jc3ot$lep@kaiwan.kaiwan.com>
Source record: 203843

Chas,

Price that manual direct from Motorola: 1-800-422-4210. Manual costs
vary...

Tony
WA6IGJ
_____snip_____
"Charles A. Rubenstein" <rubenc@iglou.com> wrote:

>I need to find a service manual for a Motorola Maxar50 UHF radio.
>Please respond to rubenc@iglou.com if you have one.
>Will gladly pay for copying or manual

>Thanks.

>Charlie

4134. Re: Help Repeater Linking!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: cardenas@kaiwan.com
Message-ID: <4jc3p0$lep@kaiwan.kaiwan.com>
Source record: 203844

Gary,

The ARRL prints another book on FM~REPEATERS (NOT the repeater
guide/callbook). Not expensive, many fine descriptions, pictures,
circuits, construction instructions and tips. Text is fully explained.
I suspect it will have all of your answers. Paperback.

Tony
WA6IGJ

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>In article <4ipeov$45l@news.inc.net> Will Flor <willf@rrgroup.com> writes:
>>MKWS78A@prodigy.com (William Rahl) wrote:
>>>Could someone direct me to a good book on repeater linking. I have
>>>heard of voters and linking remote receivers via radio or Telephone lines.
>>>
>>>I looked in the Handbook,but it really doesn't explain to much. What I
>>>want
>>>to know is a Remote receiver just that ,a RX radio or is it a another
>>>Repeater!
>>
>> I can't recommend a good book, unfortunately, but a remote receive site is
>>typically another repeater. Most multi-site 2m repeaters I'm aware of, for
>>instance, link the remote receive sites to the main site by 440 MHz links, so
>>the remote receive sites are really cross-band 2m/440 repeaters. They have
>>repeater controllers, auto-ID, etc. just like the main repeater; they listen on
>>the repeater's input frequency and transmit on the link frequency. The link
>>receiver at the main site receives the link frequency and provides audio for
>>the voter, etc.

>The links aren't technically repeaters. They are stations in auxillary
>operation, and the links aren't usually in the repeater portion of the
>70cm band, thus the stations cannot be repeaters by law.

>The link transmitters may or may not be COR operated by the remote
>receivers. In some systems, they are active any time the voting system
>is in operation. The voter has to have information as to which remote
>receiver has the best signal from the user station currently transmitting.
>There are several ways to implement this.

>One method, called tone or voice, sends a tone down the link except
>when the remote receiver limiter current exceeds some preset value.
>Then the receiver audio is switched to the link. At the master site,
>the absence of a tone signals the voter to put that receiver's audio
>to the main repeater transmitter. This is a first come first serve

>voter, and isn't particularly good when several remote receivers are
>all receiving the user signal.

>Another method, called tone over voice, transmits a varying frequency
>tone whose frequency corresponds to the remote receiver limiter current
>(generated with a voltage to frequency converter) at all times, along
>with the voice output of the remote receiver. This tone is pitched higher
>than voice, and is filtered out at the master site by the voter. The voter
>decodes the tone (with a frequency to voltage converter) and votes the
>receiver with the highest limiter current as the one to feed to the
>repeater transmitter. This works better than the tone or voice systems.

>Another system, called an audio SNR voter, just feeds raw remote
>receiver audio down the link at all times. At the master site,
>the voter does an audio SNR measurement of each remote receiver
>and feeds the one with the best SNR to the repeater transmitter.
>Obviously the remote receivers have to operate unsquelched, and
>the links are transmitting raw noise most of the time. (If the
>remote receiver were squelched, the voter would measure it as
>having the best "quieting" and always vote it to the repeater
>transmitter, a highly undesirable form of voting.)

>It is possible to combine audio SNR voting with squelched remote
>receivers and COR operated links. Then the SNR measurement will
>be on the channel noise of the link receiver when the remote
>receiver is squelched (and the link transmitter off), and thus
>will not be voted to the repeater transmitter. The link receivers
>are, of course, operated unsquelched.

>This is probably the most popular system used by amateurs, but it
>does have some drawbacks. If the user is in a noisy location, say
>driving in a vehicle with the window down, the noise picked up by
>his microphone can confuse the voter. And links keying up and down
>can introduce pops in the link receivers that can confuse the voter.

>Remote receiver limiter current is a better measure of signal quality,
>but it requires the link transmitters to be active at all times. Varients
>of these systems can use phone lines instead of RF links, but that can
>get expensive because you need a line for every remote receiver.

>Gary
>--
>Gary Coffman KE4ZV | You make it, | Due to provider problems
>Destructive Testing Systems | we break it. | with previous uucp addresses
>534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
>Lawrenceville, GA 30244 | |

4135. Re: If you don't like it!...(Was: @!#$, my FM-25 is @#&%$! What to do?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: "R. J. Grochowski" <rjgrocho@rockdal.aud.alcatel.com>
Message-ID: <3159966E.1CFBAE39@rockdal.aud.alcatel.com>
Source record: 203845
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

John Q. Customer wrote:
[drivel snipped]

You're a real "class act" ... Tend to overreact a bit do ya?
Did my post *really* warrant such stupidity? You've proven
what you are ... And thank you ... I just won a bet.

RG

4136. Re: If you don't like it!...(Was: @!#$, my FM-25 is @#&%$! What to do?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: "John Q. Customer" <jonejonz@atl.mindspring.com>
Message-ID: <31599C79.7AC@atl.mindspring.com>
Source record: 203846
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

I hope it was a big bet. And thanks again for all of your nice compliments.

JQC

4137. Help me choose a marine VHF handheld

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: you@somehost.HSC.Colorado.edu
Message-ID: <4jc3gp$1bf@tali.UCHSC.edu>
Source record: 203847

Colorado must be the WORST place to buy a marine VHF. No one carries
them or knows squat. I'm looking for a good quality unit, not the
best or any piece of junk. If anyone has experience or recommendations,
it would be greatly appreciated.

4138. Recommend receiver for young aspiring ham?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: Monty Wilson <mwilson@bangate.compaq.com>
Message-ID: <Doxxwp.GCK@twisto.eng.hou.compaq.com>
Source record: 203848

Monty here in Houston. My nephew in Dallas (age 10) wants to get his license and I thought an HF communications receiver might allow him to listen to enough HF to find out if he is interested in getting licenses beyond tech, and if so, to copy some real CW conversations as part of his practice.

I understand that these days there are many capable receivers under $100 and that some of them can be found at superstores or department store chains.

My requirements are: Must be able to receive CW, SSB, and AM, must have external antenna connection, and must have fine enough tuning to separate ham conversations.

Any recommendations?

--
.........Monty.
mwilson@bangate.compaq.com

4139. Mocom 70 & DTMF Mike

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: yonce@gate.net
Message-ID: <4jc7vj$1a7c@news.gate.net>
Source record: 203849

A fellow ham has a Uhf Mocom 70 mobile and a Motorola DTMF Mike from
a Syntor radio. All appears well with the exception of the "*" & "#" keys.
Any suggestions or comments to activate the buttons??

Thanks in advance - KF4FIX

4140. Maggiore Repeater Users Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: debbiew@csc.umd.edu
Message-ID: <4jc8cv$icn@hecate.umd.edu>
Source record: 203850

My club is seeking opinions from any groups using Maggorie repeaters.
We are considering one for a club repeater and don't want to go wrong.
Your opinions are appreciated!
debbiew@umd5.umd.edu

4141. fs TS140S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: victorj@fast.net
Message-ID: <4jcabg$ni8@nn.fast.net>
Source record: 203851

FS TS14OS Mint condition.3 years old purchased as back up . Essentially not used. Have orignal carton mic and cables.$600 or best offer.
vic wm3b Email victorj@fast.net

4142. WTB Tentec

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: victorj@fast.net
Message-ID: <4jcamd$ni8@nn.fast.net>
Source record: 203852

WTB TenTec model 253 antenna tuner .Also Argonaut 2 model 535
Vic WM3B E mail address victorj.fast.net

4143. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: Ron <roncain@ix.netcom.com>
Message-ID: <3159ABC6.2B11@ix.netcom.com>
Source record: 203853
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

> --
> Gary... KJ6Q... I am the NRA | Annoy a Liberal - say NO to gun control!
> ============================ | Annoy a Democrat - say BYE BYE CLINTON!
> Those who choose to "beat |==================================
> their swords into plowshares"| "It's *EASY* to be a liberal, it's
> may end up *PLOWING* for | OTHER people's money you are giving
> those who DON'T! | away! (or living off of!)

Hey Gary, loved your taglines! Especially the one above about the plow-
shares:) I realize this is a bit off-topic, considering the newsgroup,
but do you listen to Rush?
Cheers, Ron Cain

4144. Re: Yaesu "mil-spec" NOT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: byoung@qni.com
Message-ID: <4jcaui$hm0@suba01.suba.com>
Source record: 203854

Bob,

You've infered too much from the term "mil-spec". There are *MANY* different "mil-specs", and the Yaesu rigs DO meet Military Standard 810C Specifications MIL-STD-810C Vibration and MIL-STD-810C Shock. Whether or not they meet the spec you reference, they DO meet the specs quoted by the sales literature.

I own several of their rigs that are "mil-spec", and in my experience they are built better than their non "mil-spec" brethern from any manufacturer including Yaesu.

Bill Young
byoung@qni.com

4145. Re: Alinco DR-150T or Ramsey Kit?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: lazeraud@sentex.net
Message-ID: <4jcc83$p3l@granite.sentex.net>
Source record: 203855

In message <1996Mar25.000138.18167@ke4zv.atl.ga.us> - gary@ke4zv.atl.ga.us (Gar
y Coffman) writes:

:>I've built the Ramsey. It has some problems, some fixable, some inherent,
:>and output power is on the same order as a HT, so it wouldn't be my choice.
:>Ten-Tec has finally released their 2m transceiver kit, and first indications
:>are that it is better.
:>
:>>Would I be better off just to buy the DR-150T alinco 2 Meter Mobile for $479.00?
:>>(Amateur Electronic Supply)
:>
:>That's a lot of money for a 2m rig. Surely you can find better deals
:>out there. Look to the used market.
:>
:>Gary
:>--
:>Gary Coffman KE4ZV | You make it, | Due to provider problems
:>Destructive Testing Systems | we break it. | with previous uucp addresses
:>534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
:>Lawrenceville, GA 30244 | |

Ditto. I pick up an Alinco DR-110 used for $200 Canadian (about 150
American). It needed some TLC, but if you're brave enough to build the
ramsey, you can easily do the repairs to "most" 2 meter radios. I've built
the Ramsey ftr-146 (the first generation 2 meter kit), and it was fine as a
packet radio, but that's about it.

bcnu,

Tedd Doda, CET
(Lazer Audio and Electronics/ Baden, Ont. Canada)
packet ve3tjd@va3rwp ******* Running TPK under Warp Connect!
e-mail lazeraud@sentex.net** Running the IAK in Warp Connect!
[Team OS/2 in Canada]

4146. WTB: National NC-270

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: DKight@gnn.com
Message-ID: <4jcf5u$dnv@news-e2c.gnn.com>
Source record: 203856

Looking for a NATIONAL NC-270 Rcvr.
****
Dale Kight NH6VR 3231 NW 50th St. #232 Oklahoma City, Ok. 73112
E-mail: dkight@gnn.com Phone 405-942-3247 Pager 405-781-8292

Looking for:
1. Hallicrafters SX-140 Rcvr
2. Lafayette HE-30 Rcvr
****

4147. Re: Problem (?) with Heil microphone

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: gcouger@master.ceat.okstate.edu
Message-ID: <4jc61n$kgd@news.cis.okstate.edu>
Source record: 203857

In article <31562836.4B29@erols.com>,
usao6ret@erols.com <usao6ret@erols.com> wrote:
>I treated myself and My ICOM 729 to a Heil headset with boom mic using
>the HC-5 element. ICOM uses electret condenser mikes that appear to have
>a pre-amp in the base while the Heil unit is a crystal unit that has no
>pre-amp.
>To get 100 watts out of my rig, I hav to run the mike gain WAY UP HIGH.
>Anyone got any tips? I really like the headset as I do a lot of CW
>operating and the bom mic makes it handy but I am concerned at the high
>mike gain I'm running.
>Am thinking about building a small pre-amp to put between the Heil and
>the ICOM.

I run the same mike on an Icom and have the same problems. Running the gain high is no problem. That is what it is for to adjust the gain to allow for different mikes and different operating habits.

Part of Hiels success is lower gain requiring you to be closer to the mike. It cuts out background noise. If you add a preamp you will likely get background noise. Just run the gain high, mine is all the way up, and keep the mike close to your lips.

Good luck
Gordon AB5DG

Gordon Couger
Biosystems & Agricultural Engineering. 114 AG Hall Stillwater, OK 74075
gcouger@master.ceat.okstate.edu 405 744 8392 day 625-2855 evenings

4148. unsubscribe

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: rhoads@dickinson.EDU
Message-ID: <Pine.OSF.3.91.960327172257.23841C-100000@alpha.dickinson.edu>
Source record: 203858

```
someone unsubscribe me
```

4149. Re: 706 mod needed tran. in 151mhz

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: Robert H&#65533;yvald <72242.477@CompuServe.COM>
Message-ID: <4jcj6p$li3$1@mhafn.production.compuserve.com>
Source record: 203859

Gary,

In what way does this mod. make the amateur bands less usable?
How hard can it be anyway?

4150. Re: Seeking Power mobile antenna raise/lower mounting.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: Art Gunderson <wb6vkr@west.net>
Message-ID: <3159E5A2.5F46@west.net>
Source record: 203860
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

Brian Dunlap wrote:
>
> A friend of mine has mentioned that Motorola still does or used
> to manufacture a power Tx/Rx antenna for mobile installation!
>
> de Brian N9ROVHey Brian,
I am assumming you are talking about a powered antenna as in
up-down retractable. If so a company named Stico will modify any powered
antenna to be a dual purpose Am-Fm and Vhf or Uhf antenna which is
functional and still goes up and down. They can be located at
716-662-2680. They usually require you to remove your existing antenna
and send it to them. They modify it and return it to you.. You will need
a splitter to connect the Am-Fm and the Vhf radios to the same coax. Ask
them about it.. good luck. Art WB6VKR
--
73's Art WB6VKR

4151. Wanted Receiver for 137 Mhz, or a KIT for homebrew!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: Geert.Pirens@ping.be
Message-ID: <4ja11u$sa6@ping1.ping.be>
Source record: 203894

Hello all of you in this area.

Can someone help me with my problem?

I like to receive the next satellites: NOAA, METEOR. But for to
receive these sat's you must have a receiver at 137 Mhz.

Now I'm loking for some information where I can buy me sutch receiver.

A homebrew kitt wil also do !!

All information and reactions in case with my problem is WELKOM !!!!

Thanks already for those who will respons to my letter.

you can also send mail via FidoNet : Geert Pirens 2:292/115.9

73!

Geert Pirens, ONL2057

4152. Re: Commander 2500 Amp

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: George Sereikas <SEREIKAS@worldnet.att.net>
Message-ID: <4ja6hf$k74@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 203895

Hi Bill,
How old is your Commander, does it include qsk and what sort of
shape is it in? Also, where are you located?
Thanks much,
George
KC2MF
Basking Ridge, NJ

4153. Re: Rechargeable Battery Source?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: parkin@Eng.Sun.COM
Message-ID: <4ja280$7gn@engnews2.Eng.Sun.COM>
Source record: 203896

Check with
Batteries Inc, Old Middlefield Rd. Mountain View, CA
they carry everything in lithium ion and metal hydride.
(call directory assistance for number.)
Note: they will only sell lithium ion to a company.
metal hydride to anyone.

Mike

4154. Problem with KENWOOD TH-28E

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9603270223.AA23950@haldir>
Source record: 203897

Jonty,
I have a Kenwood TH78, TH79. For most of these ham radio tranceivers, the divide by N-synthesizer, refence oscilattor scheme will produce low level spurious emisions back in the front end. These signal are called (birdies), slang for fundesired frequency mix products that somestime get detected. The Lo to Rf leagage of these spurs radiate out of the synthesized LO chain leak thru the mixer,(worst in single balanced mixers) and fall into the passband IF with certain combinations of desired of RF and LO offset frequencies.
Each radio, wheather it be a TH28, Th79, W31, FT51R all have these symptoms, some worse than others. The Ft51R will have them on different frequencies than the W31, etc . Most Radio Ham manufactures, hopefully did a frequency plan in their design, but as you use the radio outside the ham band, you will discover all of the ham rigs has spur(birdies).
Using the radio on 143Mhz is usually considered out of band, and the manufacturer can not guarantee the spur spec level in the radio. Also these radiated spurs are also dependent on VSWR. The stock antenna may have a good VSR in the ham band, but a spur at 1/2 of 143Mhz may be leaking out the front end and its harmonics with a divide by N reference may can a mix and that product may be seen at 143.xxx frequency.
You really can do too much, except get another radio like a Icom or Yaesu, if its a sythezied type ham rig. Normally a commerical radio in that range would be a better choice, like a Motorola Radio.
One thing you can try is a different antenna on the hand held. You might try the ANLI types 144/450 which have a balun (black base at bottom) whip built in the base. With the Balun type, the out of band spur leaks out, get asorbed by the balun, rather than reflected back into the front-end. This may get the undesired reflected LO to Rf leakage spur to drop and additional 10 -15db. Allowing the spur be be very low and hopefully below the noise fllor of the radio.
The ANLI whip I remember was the combination 144/450 with an screw in extendable telescoping whip as well as the flexible whip,it has a low vswr from 100-500Mhz, thus if a lO spur leaked our it would relect back in to mixer at a lower level, hopefully one that is below the detection level of the RF to IF noise floor of the radio.
I would try out other brands, find one that doesn't have the birdie on the frequency you want to operate at. Buy that brand, and sell off that radio to another ham who would be happy to take it off your hands.
The only other solution is to fiddle with different antenna's. If you put a 50ohm load on it and the spur disapears,then maybe playing with different antenna's would decrease the spur out of the radio, If you still hear it while a 50ohm resistive load is on the radio, then I would bet you may never get rid of the spur(birdie).
I hope this helps you out.

73
Mike

4155. Chgo Area Ham Radio Classes -- Novice thru Extra

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: dreambig@ix.netcom.com
Message-ID: <4ja0hg$jev@reader2.ix.netcom.com>
Source record: 203898

My idea is simply this --
ham radio classes see a lot of drop-outs
because the classes go on too darn long!
People have better things to do with their lives
than attend 6 to 12 weeks of ham radio classes.
I am looking for students and
sponsors for one-day license workshops.
If you know anyone interested in getting their
Novice ticket or upgrading to Technician,
General, Advanced or Extra, please
have them call me. I will teach a one-day
theory seminar & workshop for any
license level -- Novice through Extra.
I've taught ham radio to about 300 people
during the past 10 years from Novice
through Extra and always enjoy the excitement
in the faces in front of me.

What do I need to make this happen?
I am looking for a club that wants to sponsor
the workshops. The sponsoring club will:
1) provide a suitable room for an all-day seminar
and
2) get students lined up for the classes.

What will the club get in return for their effort?
Classes are a great source of new members.
Classes can also be an income producer
if the club wants to charge for them.
Keep the money as a donation to the club
or let that money pay for a one-year club
membership for the new ham.
My services are free to the club and the students.

Please call me if....
* Your club or repeater group is
interested in sponsoring a workshop
* You or someone you know is interested
in a one-day Upgrade Workshop
* You know someone interested in a
one-day Novice Workshop

73 de WD9HCR
Larry Pike
(847) 776-3004

dreambig@ix.netcom.com

4156. i

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: Mike Bragassa <bragassa@glas.apc.org>
Message-ID: <APC&63'0'32b01301'20a@glas.apc.org>
Source record: 203899

TS-870: rcv ant: Perhaps this has been hashed over? But, with no conference archive available! Does anyone have a mod / tip forusing an external receive ant.
w/ the '870 that auto switches between xmit and rcv?
Mike R3/AA5NK Moscow

4157. i

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: Mike Bragassa <bragassa@glas.apc.org>
Message-ID: <APC&63'0'32b01302'4dc@glas.apc.org>
Source record: 203900

```
Sale:
1) IC-761 $1000
2) DSP-599+ $150
3) Robotics 28.8 modem $125
Plus shipping from my home in texas. Mike, AA5NK: <bragassa@glas.apc.org>
```

4158. 40:TS870 help, 41: IC-761 sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: Mike Bragassa <bragassa@glas.apc.org>
Message-ID: <APC&63'0'32b01303'570@glas.apc.org>
Source record: 203901

I'll learn how it works....soon! de mike

4159. Re: Periphex , W&W Assoc.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: lsm@tir.com
Message-ID: <4jaggc$9ni@ramp2.tir.com>
Source record: 203902

Likewise; I've had it happen too.

How about we all run off a thousand flyers and tape em up all over
Hara Arena on 5/18????

73

Ron

cweddle@astro.as.arizona.edu (Chris Weddle) wrote:

>Steve Dworkin <n2mdq@li.net> writes:
>>>I (and I'm sure others) would like to hear about experiences regarding
>>>other HT battery suppliers (both good and bad), starting specifically
>>>with W&W Associates.
>>> Thanks, Alan, WA6AQC
>>Alan:
>>I'm starting to think they are all the same. I have a W&W battery
>>that I dropped off with them last week with the request that the
>>tech look at it and tell me what I was doing wrong that caused the
>>premature death of the battery pack. They never called. A week
>>later I called and was told that they left a message (first problem)
>>and that the answer was "Its over 2 years old and not under warranty."
>>I proceeded to explain that I wasn't looking for anything for free,
>>but rather some info so that I could buy another and not do the
>>same thing. Answer: "Its not under warranty."
>>I followed up with a request that they split the case (so that
>>I could replace the bad cells). They said "We can't do that."
>>Needless to say... My expereince is no better than the gent that
>>spoke about Periphex. So be it.
>>Steve Dworkin, N2MDQ
>>n2mdq@li.net

>While I've never requested W&W to do this particular service for me, I
>have had very good performance out of their products. Last purchase was
>8 months ago, oldest must be around 4 or 5 years. Expect to be buying
>several batteries from them shortly. Perhaps the difficulty was in
>making an unusual request that they are not set up to handle? Don't
>know, just guessing.

>Chris - N7RME

I too have had negative contacts with Periphex; the same problems....

W & W seems fine; I'm actually one of their dealers now; they are very
responsive, good quality stuff, fair prices. Any problems, call them
and ask for Ronnie, she's the big boss there, should take care of your

needs.

Pardon the testimonial and 73...

4160. FS: Icom 12 at

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: lsm@tir.com
Message-ID: <4jaggl$9ni@ramp2.tir.com>
Source record: 203903

I have an Icom ic12AT 1.2 Ghz handheld with genuine leather Motorola case , standard batt. and wall charger. Rapid charger and other batts available, extra. $250 prepaid or cod/mo/cert check.

Please repond via e-mail

73

Ron

4161. Re: Timewave DSP-59+ EXPERIENCE?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: psikes@whidbey.net
Message-ID: <4jai0f$g89@whidbey.whidbey.com>
Source record: 203904

Marty Gulseth <gulseth@spk.hp.com> wrote:

>Hello All,

>Anyone out there with a Timewave DSP 59+ (I think/hope that's the proper
>model #)? Comments, esp. re operation with HF digital modes?

>TNX es 73 DE W7LEJ

>Marty, Spokane, WA

Hi Marty, I have the DSP59+ and really enjoy using it. I don't do much
digital but it does a good job. It is very good on CW and helps quite
a bit on SSB also. I tried the MFJ 784B before buying this one and the
Timewave is much easier to use. I would buy it again!

73 de KJ7NS

Phil, Oak Harbor, WA

4162. Re: Ten-Tec Kits

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: Earl Wilson <earlwilson@delphi.com>
Message-ID: <ZDNo1PA.earlwilson@delphi.com>
Source record: 203905

Recently completed constructing the TenTec 2-meter xcvr. Worked the first time when completed. Instructions are adequate but not in the Heathkit style. Testing is required during construction which provides confidence you are progressing OK. Recommend TenTec for the kit lovers.
Good luck
73
K6GPB

4163. Re: Recurring Repeater power amp problem???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: eugene@loop.com
Message-ID: <4jailm$lb4@dobie.loop.com>
Source record: 203906

> kwon2m@aol.com (Kwon2m) writes:
>
> John Wagner wrote:
> >
> > Our club has an interesting problem with our 2 meter repeater's power
> > amp. I was wondering of anyone else has had this problem, or may see
> > something we have overlooked.
> >
> > Over the past 3 years, we have had 2 different power amps fail
> > because of what we believe to be parastitic problems.
> > >>additional test deleted<<<<<
>
> As Tom, W8JI stated, a circulator may be the answer to your troubles. If
> your repeater is located in a "high rf" area, ie a commercial tower, etc.,
> there may be enough rf coming IN your antenna system to send your amp into
> oscillation. A circulator (aka isolator) will send the incoming rf to a
> dummy load and keep it away from the amp. It's also a great way to keep
> signals from mixing in your equipment and producing imd products that
> could cause interference to your system or someone else's. Many years ago
> I had a similar experience when I ran a 2M repeater for a local club. If I
> only knew then what I know now, it would have saved me untold hours of
> repair work and frustration. Spend the money and get an isolator, it's
> worth every penny.
>
> John, N2BFJ
>
>>>>
The cavities are a highly inductive load and my not present a solid 50 ohm load to the amplifier. The circulator or isolator
presents a constant load to the tx.

Joe WB6HRO

4164. National HRO Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: dinge@sugar-river.net
Message-ID: <4ja1j1$mbo@news2.ios.com>
Source record: 203907

Looking for an excellent to mint early model HRO. Will also consider any components that are
in excellent condition. Please e-mail. Dick Doremus, N1AJM

4165. Re: HELP I.D. WWII USN Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: djruga@ix.netcom.com
Message-ID: <4ja74u$54j@cloner2.ix.netcom.com>
Source record: 203908

djruga@ix.netcom.com (Dennis) wrote:

>I am trying to get any info as to resale value and positive
>Identification of the following unit. Also would appreciate any info
>on the former purpose and typical usage of this unid WWII Navy
>transceiver that a friend has.
>This is all the info I have. Any assistance is appreciated.

>Unit is portable, battery driven self-contained, with snap on cover
>with assembly directions for field use printed inside. Gives
>directions for antenna setup.

>radio listed as: Part #43005 Transmitter/receiver unit
> possibly Westinghouse.

>face appearance: amp gauge/ USN type CAY-2213-A
> MA volts gauge/ USN type CAY-22291-A
> 1- 8 pin rec. socket
> 1-4 pin transmit socket
> inputs for both cw key and mic.

>I would like to know what this unit might be worth, and also where I
>might get it assesed/repaired to workable condition.
>I appreciate any help anyone can offer.
>Reply via Email preferred.
>Thanks. DR

test post reply

4166. Re: Ten-Tec 1209 transverter kit: comments?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: parf@aol.com
Message-ID: <4jap1k$36g@newsbf02.news.aol.com>
Source record: 203909
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

Hi Dean,
While I have not built the TT kit I did hear a # of them on 6M last Es season- they were consistantly the nicest sounding sigs on the air. Previous postings here indicate the instructions hark back to the excellent days of Heath. Note also they now have a 2M to 6M downconverter to place your 2M all-mode on 6. I've been told the 1st run is sold out! I have no affiliation w/ TT in fact I don't own a TT!- but if I had serious interests in HF I would own nothing but TT.

Dale WA2YPY

4167. WTB; inexpensive setup for ham(newbie)disabled person now

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-27 00:00:00 UTC
From: davy@wintershope.com
Message-ID: <4javcm$kcj@news.accessone.com>
Source record: 203910

I need to learn and need equipment

Want to talk globally and do local S&R and talk with the man that
saved my life in Alaska(he has only ham for communications).

I will joining a club in my local area when if? I get mobile

There are many repeaters in my area I believe(Seattle area)

I would like to spend 500$ or less for working equipment?

If you have some or can help please let me know.I am starting to study
code and already no some from being a commercial fisherman in AK.
Also I understand I am entitled to some sort of doctors waiver to get
the license.

thank you a bunch!! D.Davy Earl

4168. WTB: Yaesu FT726R modules

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: clowery@halifax.com
Message-ID: <4jf10j$uka@ns.halifax.com>
Source record: 203712

I need all the modules available for a Yaesu FT 726R Radio I only have the two meter module..

4169. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: jimf@zoinks.corp.sgi.com
Message-ID: <4jf20m$3b4@murrow.corp.sgi.com>
Source record: 203713

Even as I thought the original post was poorly thought out, I felt this response was even more disturbing.

So here is my counter response.

In article <4jes57$ek6@newsbf02.news.aol.com>, n9mxt1@aol.com (N9MXT1) writes:
|> Hmmm reading your message was very interesting. I personally feel you
|> wrote the message for 1 of 2 reasons.
|>
|> 1) Maybe you thought the Newsgroups were becoming quiet and thought that
|> writing a message against HF would stir-up some activity!
|> 2) Maybe you have nothing else to write about!?!? and thought to yourself
|> hmmm who can I put down today??

Translation:

I can't argue against your point effectively, so I'm going to use a common tactic that discredits your position. This is to state without any attempt of proof that the only reasons that you could possibly have for stating your opinions are some illogical and immature ones. This then gives me the upper hand since I have belittled anything you might have as a point in one fell swoop.

|>
|> OK... well, theirs many aspects to the hobby and some people like HF and
|> others I
|> guess don't!

Translation:

Here is my statement that shows how open minded I am, I will use it for counter arguements later. This is regardless of statements made below.

|> Personally, I find pleasure working DX and working
|> contests.. I have accomplished many awards for my working stations on HF.
|> ie: DXCC / WAS / WAZ and more.

Translation:

I'm a big bad-assed operator that has vast experience, so don't mess with me sonny-boy.

|> When, I get on HF I have normal
|> communications with fellow hams and also have my short exchanges too. I
|> know people personally who hate HF only cause they are to lazy to upgrade
|> to have the HF privilege added to their license. So, you have a right to
|> hate HF but,

Translation:

I have just called you lazy in a not-so-thinly veiled manner. Since I can only conceive that the only reason that someone wouldn't like to do CW is that they are beneath me and therefore lazy. I can't just get it that someone may have looked at the situation and made an intelligent observation that is contrary to mine.

|> if your justing going out and bashing the HFers like myself
|> you should at least write another message after upgrading from NO-CODE to
|> a higher class!

Translation:

Since you have only the lowly-scum, barely worth anything license you can't possbily know anything. I've been around these here parts for a long time you whipper-snapper, so don't try to tell me how it is.

|> "Just an idea!". Basically, the ending to your message
|> saying "I've worked my share of HF, I thus I have not upgraded" only tells
|> people that you did this via CB radio or your willing to operate illegal
|> on bands you don't have rights too.

Translation:

I seem to have forgotten that someone without a license, or a "lower" class license may operate a station at the priveleges of the control operator of that station. I'll also throw in the showstopper, equating you with CB. I know it is equivalent in terms of credibility to just calling you a name, but hey, it works.

|> So, why should anyone care what you
|> think!!!!

Translation:

Shut up! You are nothing, you can have no opinions or observations since they don't agree with mine.

|> If you don't like the laws that the FCC made in this country
|> then maybe move to another country where you don't have these rules to
|> follow.

Translation:

Yeah, what do you think this is? A democracy or something? Our founding fathers fought against the status-quoe and tyranny so I can tell you to shut up and take it or leave it.

|> Well, I don't want to put you down or anything but you seem to have a
|> lot of problems on your mind so maybe you should get some help!

Translation:

Here is my other attempt at trying to look genuinely open-minded, at least in the first part of the sentence. The rest is of course my feeble last stab at

discrediting anything you might say by name calling and insinuation. Because, of course, if you disagree with me then you must be crazy.

|>
|> Have fun complaining... HFer's BEWARE of people
|> like this!!
|> Jeffrey - N9MXT1

Have fun taunting and ridiculing... Everyone BEWARE of people like this!!

Jim
KF6AGJ

4170. Re: Yaesu HT Nicad dissasembly

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: mkeitz@bev.net
Message-ID: <4jf3gi$l3c@solaris.cc.vt.edu>
Source record: 203714

In article <315aeb98.1780099@news.agt.net>, smason@agt.net (Steve Mason) says:
>
>Hi all.
>I have a bad Nicad pack from an FT-530. If I remember correctly, tha last
>time I tried to dissassemble a Yaesu pack from a 470, it was extremely
>difficult.
>Does anyone have any tips?
>I was thinking of using a heat gun to soften the glue...
>
Most likely, there is no "glue" per se, it is "welded" together with
a solvent which softens the plastic and allows the two parts to merge
together. Then the solvent evaporates and the plastic re-hardens. So
using a heat gun would cause serious melting of the plastic case before
any weakening of the joint would occur, since the joint and the rest of
the case are made from the same material.

Usually the welded part is quite a bit weaker than the virgin plastic,
so tapping or pounding on the seam with not quite enough force to break
the case may work. Once one side opens up, some prying may be indicated.
If it doesn't want to crack at all, take a razor blade or jeweler's saw
and cut along the seam; plan on using lots of glue to put it back
together. Since the "welding" process is theoretically supposed to make
the two pieces into one, making it back into two cleanly is difficult.

My experience is with Standard packs, not Yaesu ones, so I may be
completely off base here. For example, make sure there are no screws
hidden under the labels, etc. before you assume it is indeed held
together with glue.

-Mike KD4QDM

4171. Re: FT-530's....Why so cheap?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: nickb@alpine
Message-ID: <4jf36o$mg4@spock.asic.sc.ti.com>
Source record: 203715

Jeremy A. Donimirski (jdonimi@nv2.uswnvg.com) wrote:
: RICKCRIDER (rickcrider@aol.com) wrote:
: : Hello all:
: : I've noticed that the prices on the Yaesu FT-530 HT's have rocketed
: : downward......
: : Seen them advertised as low as $289.00, brand new. A major dealer at a
: : recent hamfest was selling them as low as $259.00, brand new. What
: : gives.....are they being discontinued? What is planned for their
: : replacement? Heck, at these prices I'm considering buying a couple just
: : to throw in the drawer as spares. Thanks.
: : Cordially:
: : Rick Crider
: : KD4FXA
: : Monroe NC

Yes, it is discontinued. They are getting rid of the stock. Too bad;
I have a "B" model (an early manufacturing run).

--
Nick Barbieri
Texas Instruments
ASIC Engineering
email: nlb1@ti.com

4172. Re: HF!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: Monty Wilson <mwilson@bangate.compaq.com>
Message-ID: <Dp00Es.9L4@twisto.eng.hou.compaq.com>
Source record: 203716

herb@alpha1.csd.uwm.edu (Nathan Ryan Gingras) wrote:
>...Why would anyone want to be on HF? The conversations
>are always empty & meaningless....

I have had conversations on HF regarding the following subjects:

Model airplane flying
What kind of traffic can be heard on railroad frequencies
'60s Mustangs
What life is like in the jungles of Honduras
Antenna design
The effects of low line voltage on radio power supplies and stability
Birdwatching
Telescopes
Bicycling
Automatic sprinkler systems
and many more.

Of course there are always those folks that want to exchange signal reports and sign off; that is their way. They like to hear and give signal reports. There are many hams on the air doing things I can't imagine being enjoyable to me. But it's a big hobby and there is no accounting for taste.

I hardly ever call CQ. If the band's not open, calling on it will get you nowhere, and if it is open, there's usually an interesting conversation going on that you can hear, you just have to tune around and find it. If two people are discussing something of interest to me and one of them has to sign off, I wait until they're finished and call the remaining station.

Why are your conversations always empty and meaningless when others are having real fun ragchewing on HF?

>...The only in depth conversations I have ever had on HF were with people
>within 20 miles. You could use 2 meter, or 440 for that, and spend less
>on gear!

Yes but it's the people, not the distance, that make the conversation more interesting. For example, if I hear you and a friend 15 miles from your house discussing Alfred Hitchcock movies on 40m ground wave, and you have to sign off, then I could give him a call and see what he thinks about "Suspicion" being colorized. THAT is something I could not do if you had been talking on 2m or 440.

>What is the point of yelling CQ CQ CQ (or ponding CQ CQ CQ) just
>to get a stupid qsl card?

Why do you mention cards; if you're not interested in collecting them,
don't ask for them.

>...The only good HF is QRP, because at least you are accomplishing something
>somewhat outstanding.

Says who? There's no accounting for taste. Sure, I got an extra thrill
with my CB conversions knowing I could work countries on 10m and 12m with
just a few watts output, but by far the biggest enjoyment were the people
with whom I was talking.

> Buying a $2000 rig accomplishes nothing, but
>wasting money.

For me, yes it would be a waste of money. But it might not be if I was
going for DXCC or something which could be accomplished more easily with
all the bells and whistles. My HF radio cost me $700, the one before that
was about $500 and my first rig cost $135.

> Anyone can work across the contry on a big 100w rig with a
>huge antenna.

Sure, but if you hate HF why bother?

>HF offers little enjoyment to people who are more than 'postcard
>chasers'.

Well I guess I'm less than a postcard chaser because it sure gives me
a real kick.

>Nate's suggestion for improving HF:
>
>
>1) Instead of code, require a test in socialization & conversational skills.

Have you started studying yet?

>2) Allow no more than 50w 40m and below.

Why these magic numbers? If fifty watts is enough on forty meters, then
why not on thirty meters also?

>3) Make it illegal to talk about root canals (noone cares!)...

If no one cares about a subject then making it illegal would be a waste
of effort. A conversation about a subject presupposes that there are
at least two people who care about it.

--
.........Monty.
mwilson@bangate.compaq.com

4173. Re: Tentec Reflector

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: dmills@interaccess.com
Message-ID: <dmills-2803961800060001@d243.nb.interaccess.com>
Source record: 203717

Another option: point your handy web browser at:

http://www.akorn.net/hamradio/tentec/

Vy 73,
Don K9DM

4174. Re: YAESU FT-8500, FT-3000M

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: paulc@fc.hp.com
Message-ID: <4jf8ad$j9n@fcnews.fc.hp.com>
Source record: 203718

David A. Kay (kham@halcyon.com) wrote:

: Just a question about the above mentioned switch - what do you mean
: by switching . . . ? I am used to using autodial if I select it and then
: using the kepyad to dial directly, if needed. Are you saying that you
: have to go into menus to to reset settings to do this?

I replied to Dave directly, but for anyone else who's interested:
Yes, you have to go through the menus (a minimum of 6 or so key presses
if you remember the menu code for autodial) to turn on or off autodial.
You can't send individual DTMF tones if autodial is on. This brings
up the idea of being able to directly access autodial when in non-autodial
mode by, say, hitting the ENT key before hitting the number key. Too
bad they didn't do something like this...

-Paul C.

4175. Re: 1200 Baud TNC for 2m

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: jackheller <jheller@sierra.net>
Message-ID: <315B2A49.397F@sierra.net>
Source record: 203719

Stephen Lui wrote:
>
> I'm looking for an inexpensive 1200 baud TNC for 2m packet. I just want to
> experiment with the mode and don't want anything fancy. I have an Icom
> IC-Z1A handheld; does anyone know how to wire a cable for this radio?
>
> Stephen
> KF6BTE

Stephen,
Take a look at the "N0XIC's Amateur Radio Resource Page." It
should be easy to find with a search engine. He has a link to packet
radio and I am sure if you follow enough links you will come across a
site that has just about every wiring interface listed. I have seen it;
then didn't record the site.

Good luck 73 Jack KB7NO

4176. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: "Bruce C. Raisley A.R.S. N9ZLE" <n9zle@concentric.net>
Message-ID: <315B5174.4BC@concentric.net>
Source record: 203720

Nathan Ryan Gingras wrote:
>
> Hey, all those no-code HAMS who complain about not getting on HF are not
> missing anything! Why would anyone want to be on HF? The conversations
> are always empty & meaningless, containing only the following standard info:
>
> 1) The Weather
> 2) Type of Radio
> 3) Signal strength
>
> The only in depth conversations I have ever had on HF were with people
> within 20 miles. You could use 2 meter, or 440 for that, and spend less
> on gear! What is the point of yelling CQ CQ CQ (or ponding CQ CQ CQ) just
> to get a stupid qsl card?
> As far as the three items listed above,
>
> #1, weather = You can watch TV for that.
>
> #2, radio gear = Who cares?
>
> #3, Signal Strength = Who Cares?
>
> The only good HF is QRP, because at least you are accomplishing something
> somewhat outstanding. Buying a $2000 rig accomplishes nothing, but
> wasting money. Anyone can work across the contry on a big 100w rig with a
> huge antenna.
>
> HF offers little enjoyment to people who are more than 'postcard
> chasers'. Even CB'ers, whom HF'ers seem to think are inferior, carry on
> more interesting conversations.
>
> Nate's suggestion for improving HF:
>
> 1) Instead of code, require a test in socialization & conversational skills.
>
> 2) Allow no more than 50w 40m and below.
>
> 3) Make it illegal to talk about root canals (noone cares!)
>
> 4) Require a physical & hygene exam! (I get sick every time I go to a
> HamFest!)
>
> Just my thoughts. No-coders, you really aren't missing much, so if you
> can't learn code for whatever reason, don't sweat it! You can get better

> looking postcards at the corner drugstore, and you can have better
> conversations with local trees, and other vegitation.
>
> Nate.
>
> Oh, yeah, you HF'ers are all going to look up my callsign, and to save
> you the trouble, it's KB9LSX, and I am NO-CODE. But believe me, I've
> worked my share of HF, and thus I have not upgraded.

Hey I agree, you should listen to 75meters, them bozos belong on the
chicken band, I take that back sorry CBers.

I have about 2 grand tied up in my HF rig and don't use it much at
all. Mostly because the good bands are open durring the day
WHEN I'M AT WORK!, To many YOYOs like those at 3898 and 3950.
None of them are here because they can't read, got the license
by the grandfather claus I think.

For those who want to look me up!
I'm N9ZLE (GENERAL CLASS) I'll be Advanced in a few months.

CW is where its at! RTTY is good too.

N9ZLE

4177. Maxon SP-2550 info - help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: kauffman@gnatnet.net
Message-ID: <kauffman-2803962151530001@dialup71.gnatnet.net>
Source record: 203721

Hi

I was woundering if anyone out there can tell me about the Maxon SP-2000 series handheld VHF radios. I've come across three units and a charger - no batteries though. The lititure that came with the radio is sparce.

My questions are:

1. Are these radios rock bound or synthesised?

2. If synthesised, what kind of unit is needed to program the radio?

3. Is there a supplier (other than Maxon) of batteries for these units?

Thank you in advance.

Jim Kauffman - N7TTO
kauffman@gnatnet.net

4178. Re: Need information about the SIEMENS receiv

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: radiomatt@aol.com
Message-ID: <4jfoq5$q0m@newsbf02.news.aol.com>
Source record: 203722

I have a 1950s vintage hollow state unit Model 445e311a; but no manual; it only works around 12 Mhz but is quite hot!
it has 16 toobs, but only 3 types; I know of 2 other Siemens models from about the same time (late 50s into 60s).

4179. Opinions of RS HTX-212 Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: Greg Snellgrove <gss@scsn.net>
Message-ID: <315B69AB.5AFE@scsn.net>
Source record: 203723

Would anyone who owns a Radio Shack HTX-212 mobile 2 meter rig care to
share their experiences with the rig? I would greatly appreciate it!

73, Greg
KN4NO

4180. Source for non-surplus open air variable caps

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: Kevin Short <kevin@larson.com>
Message-ID: <Pine.SCO.3.91.960328150634.3389B-100000@ltiblu.larson.com>
Source record: 203724

I am having trouble locating a distributor that carrys "currently
in production" air variable caps. I have found surplus sources
that have components that will work but these are limited to the
stock that they have. Usually less than 20 or 30 pieces. Fair Radio
thought that there was at least one U.S. manufacturer of air variables
still kicking. If anyone could point me to manufacturer or distributor
it would be greatly appreciated. Thanks in advance.

[kevin] Kevin Short

4181. FS MILITARY COMM SHELTER UNUSED REAL NICE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: louis@postoffice.ptd.net
Message-ID: <4jcts3$ste@ns2.ptd.net>
Source record: 203725

I acquired some military shelters that I had planed a use for, but I did not ever see the project through. I
am selling these shelters and thought you might like to check out a few photos of them. If you click on the thumb
nail you can see the larger picture in 800 x 600 resolution. The shelters are rated to block Rf frequencies
up to, I believe, 1.3GHz and at 120db of attenuation. These would make Ideal radio repair rooms. The construction of
the units are double aluminum clad over a foam core with an outer kevlar skin (Bullet resistant!). In pictures 8 and 9 you
will notice that the shelter can be used with a 40 foot Wil-Burt pneumatic 9 section mast. I am selling these masts separately
if desired. If you would like the shelter with out the mast I can reduce the price some what. These masts are like the
ones on the news vans, except that these are built to Mil Spec and the original cost to the defense contractor was $20,000 each.
Don't worry that is not my asking price.

I will sell you the mast separately for $2,500
I am asking $5,000 for a shelter with a mast, and I am asking $3,500 for a Shelter with out the mast.
If anyone would like more details, I can be reached at (717) 629-7212 ask for Louis or E-mail louis@postoffice.ptd.net

To see photos of these shelters use your web brouser and go to this URL

http://home.ptd.net/~louis/forsale/forsale.html

4182. ForSale MILITARY COMM SHELTER UNUSED REAL NICE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: louis@postoffice.ptd.net
Message-ID: <4jcu2u$ste@ns2.ptd.net>
Source record: 203726

I acquired some military shelters that I had planed a use for, but I did not ever see the project through. I
am selling these shelters and thought you might like to check out a few photos of them. If you click on the thumb
nail you can see the larger picture in 800 x 600 resolution. The shelters are rated to block Rf frequencies
up to, I believe, 1.3GHz and at 120db of attenuation. These would make Ideal radio repair rooms. The construction of
the units are double aluminum clad over a foam core with an outer kevlar skin (Bullet resistant!). In pictures 8 and 9 you
will notice that the shelter can be used with a 40 foot Wil-Burt pneumatic 9 section mast. I am selling these masts separately
if desired. If you would like the shelter with out the mast I can reduce the price some what. These masts are like the
ones on the news vans, except that these are built to Mil Spec and the original cost to the defense contractor was $20,000 each.
Don't worry that is not my asking price.

I will sell you the mast separately for $2,500
I am asking $5,000 for a shelter with a mast, and I am asking $3,500 for a Shelter with out the mast.
If anyone would like more details, I can be reached at (717) 629-7212 ask for Louis or E-mail louis@postoffice.ptd.net

To see photos of these shelters use your web brouser and go to this URL

http://home.ptd.net/~louis/forsale/forsale.html

4183. 2M all mode base $285 shipped!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: kb2rmi@pop3.frontiernet.com
Message-ID: <4jcocp$rai@cheatum.frontiernet.net>
Source record: 203771

KLM Multi 2000A near mint, please see posting in rec.radio.swap for more info. TNX for reading this, Bill KB2RMI

4184. Re: Problem (?) with Heil microphone

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar28.023522.3943@ke4zv.atl.ga.us>
Source record: 203772

In article <31562836.4B29@erols.com> "usao6ret@erols.com" <usao6ret@erols.com> writes:
>I treated myself and My ICOM 729 to a Heil headset with boom mic using
>the HC-5 element. ICOM uses electret condenser mikes that appear to have
>a pre-amp in the base while the Heil unit is a crystal unit that has no
>pre-amp.
>To get 100 watts out of my rig, I hav to run the mike gain WAY UP HIGH.
>Anyone got any tips? I really like the headset as I do a lot of CW
>operating and the bom mic makes it handy but I am concerned at the high
>mike gain I'm running.
>Am thinking about building a small pre-amp to put between the Heil and
>the ICOM.

Are you experiencing any problems with the high mic gain setting?
IE are you getting reports of bad audio? If not, it's working, so
why mess with it?

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4185. Re: ____, my FM-25 is ____ed! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: robert@kd3bj.ampr.org
Message-ID: <robert.827987751@kd3bj.ampr.org>
Source record: 203773
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

rumple@serv01.net (Dan Thomas (Rumple@serv01.net-link.net)) writes:

>On Tue, 26 Mar 1996 09:18:59 GMT, nrj@cdx.net (Rob M.) wrote:

>>jgedmond@hic.net (James G. Edmondson) wrote:
>>
>>>.......
>>>2.) He did not just say he ____ed up his transmitter, he said it over and
>>>over again. Not only that but he went into excessive detail about things
>>>that had nothing at all to do with the radio problem to the point of
>>>distraction.
>>
>>>.. Did the profane
>>>post elucidate anything for anybody?
>>
>>
>I'm quite sure that they aren't doing or for that instance will be
>doing anything for him or you. Profanity is the way weak minds use to
>express themselves. Not pointing any fingers but if the shoe fits...

One of the things I used to like about ham radio was the careful use of language that allowed hams to discuss the same things the other radio services were discussing, but with a touch of class. The topics were the same, the the choice of words permitted discussion on "family" channels and in "mixed company" without offending most listeners. Not so for the choice of words in the original post, and follow-ups in this thread.

--
Robert Garland NX3S @ N3ACL.PA.USA.NOAM
Hilltown Township Bucks County robert@kd3bj.ampr.org
Pennsylvania USA Grid FN20ii
Hams do it bouncing off the "F" layer

4186. Re: ARRL insurance

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: radiomatt@aol.com
Message-ID: <4jdcgn$1f0@newsbf02.news.aol.com>
Source record: 203774
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

I had the insurance from time to time; three or four years, then off for a couple, and then back on again. Last winter a water pipe froze and burst inundating my radios. The tube stuff stood up fairly well, but my prize pair of HRO-500 and matching HRO-600 got pretty much destroyed. The 500 is still fixable, so I did not ask for replacement (or $), but the 600 is REAL rare; I had it appraised; they said it was a total loss, and the Wohlers Company made good for $2500.
(The pair, in one cabinet, had been insured at $3100, out of total insured ham shack of about $11K).
No complaints here. They handled the claim professionally and rapidly once the appraisal came in --that took 4 mos, but not their problem.
Go for it

4187. 1200 Baud TNC for 2m

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: lui@netcom.com
Message-ID: <luiDoyAz0.ELL@netcom.com>
Source record: 203775

I'm looking for an inexpensive 1200 baud TNC for 2m packet. I just want to experiment with the mode and don't want anything fancy. I have an Icom IC-Z1A handheld; does anyone know how to wire a cable for this radio?

Stephen
KF6BTE

4188. Motorola HT1000 "Service Software"

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: jmk3rd1@ix.netcom.com
Message-ID: <315a20ec.133668568@nntp.ix.netcom.com>
Source record: 203776

Hi,
I am in need of the "Service Software" and the appropriate cable that will allow me to attach my HT1000 to my computer to change some settings. thanks in advance for any help! Jimmy

4189. Maxon GMRS to Ham UHF?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: cardenas@kaiwan.com
Message-ID: <4jdhbs$5c1@kaiwan.kaiwan.com>
Source record: 203777

Just a thought...

Anyone have any experience converting the new Maxon GMRS radios to the Ham UHF bands or business band?

Any help would be appreciated.

Tony
WA6IGJ

4190. Re: Problem (?) with Heil microphone

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4jdhi8$s93@crash.microserve.net>
Source record: 203778

"usao6ret@erols.com" <usao6ret@erols.com> wrote:

>I treated myself and My ICOM 729 to a Heil headset with boom mic
>using the HC-5 element. ICOM uses electret condenser mikes that
>appear to have a pre-amp in the base while the Heil unit is a crystal
>unit that has no pre-amp.

I agree with Gary; if it drives the rig and doesn't create a problem,
don't worry about it.

I'm curious about your description of this being a crystal element.
Heil rates these as having an output impedance of 2000 ohms. How is
that accomplished? Do these have an internal step-down transformer?

73,
Jack WB3U

4191. Anyone have the World Scanner Report?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: sba3020@InfoNET.st-johns.nf.ca
Message-ID: <4jdjhh$s39@coranto.ucs.mun.ca>
Source record: 203779

I was told that in a back issue of The World Scanner Report
there's a mod for the Realistic PRO-2035 for a AUTOTAGGER
feature. I think it's a mod to let you use the AUTO-store
feature correctly. Can anyone tell me about this mod and
how it's done. Please E-mail me at sba3020@infonet.st-johns.nf.ca
or post it for all interested. Would also like to know how long
it takes to do this mod.

4192. Re: Recurring Repeater power amp problem???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: morris@grian.cps.altadena.ca.us
Message-ID: <1996Mar28.082850.9761@grian.cps.altadena.ca.us>
Source record: 203780

kwon2m@aol.com (Kwon2m) writes:

>John Wagner wrote:
>>
>> Our club has an interesting problem with our 2 meter repeater's power
>> amp. I was wondering of anyone else has had this problem, or may see
>> something we have overlooked.
>>
>> Over the past 3 years, we have had 2 different power amps fail
>> because of what we believe to be parastitic problems.
>> >>additional test deleted<<<<<

>As Tom, W8JI stated, a circulator may be the answer to your troubles. If
>your repeater is located in a "high rf" area, ie a commercial tower, etc.,
>there may be enough rf coming IN your antenna system to send your amp into
>oscillation. A circulator (aka isolator) will send the incoming rf to a
>dummy load and keep it away from the amp. It's also a great way to keep
>signals from mixing in your equipment and producing imd products that
>could cause interference to your system or someone else's. Many years ago
>I had a similar experience when I ran a 2M repeater for a local club. If I
>only knew then what I know now, it would have saved me untold hours of
>repair work and frustration. Spend the money and get an isolator, it's
>worth every penny.

I second (third) the recommendation. I have seen enough RF coming down
a repeater antenna feedline to light a 25 watt light bulb. This can
cause a LOT of grief - not just in mixes, but also in repair costs...

--

Mike Morris morris@grian.cps.altadena.ca.us
#include <disclaimer.std.h> I have others, but this works the best.
This message assembled from 100% recycled electrons (and pixels).

4193. Re: NMO GPS Antenna?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: morris@grian.cps.altadena.ca.us
Message-ID: <1996Mar28.083658.10051@grian.cps.altadena.ca.us>
Source record: 203781

kjsmith@violin.aix.calpoly.edu (Kirk James Smith) writes:

>I'm thinking about adding GPS to my vehicle (a good compliment to all of the
>ham gear :-), but I'm a little disappointed at the availability of
>external antennas. I got away from mag mounts long ago, and I'm not
>looking for some bulky clamp-on boat antenna either.

>I know GPS is being used by more and more companies for AVL, so I'm
>figuring someone must make an NMO version of a GPS antenna. If not, then
>how about some kind of N-connector mount for the roof?

>Any sources for these items would be appreciated. I checked out a couple
>of catalogs (Tessco, Larsen, etc) without success.

Diamond makes mobile antennas with N-connectors.
The local Diamond dealer sells a NMO ---> N adapter for them.

--

Mike Morris morris@grian.cps.altadena.ca.us
#include <disclaimer.std.h> I have others, but this works the best.
This message assembled from 100% recycled electrons (and pixels).

4194. Re: How to catch ArtSci magazine?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: Horace Ory <ory@olympic.net>
Message-ID: <4jdq9l$4tm@oly.olympic.net>
Source record: 203782

If you mean ArtSci Publishing, try:

EMail: artsci@artscipub.com

or

Web: http://home.earthlink.net/~artsci

4195. degaussing (sp?) a picture tube

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: Joe Fitter BV/N0IAT <joentam@transend.com.tw>
Message-ID: <315B61D9.5DBC@transend.com.tw>
Source record: 203783

Hi,
Can anyone offer a way to degauss a TV? It was damaged by
a large speaker (from my drake HF rig) sitting too closely
to it. Now, one corner of the screen is green all-the-time.

I understand they have tools (electro magnets) that do this,
but was wondering if anyone has a "do it yourself" trick for
this. I tried using a normal ferrite magnet, but just made
matters worse.

talftyrvem *

thanks and look forward to your reply via email...

Amateur Radio: BV/N0IAT Taipei TAIWAN Republic of China

ex. 7J1AOF (Japan) YU3/N0IAT (Slovenia) KA0ZDH (Novice)
Licensed Radio Amateur since 1986. Comments are mine only.

4196. Re: Need Maxar50 Manual (UHF)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: zawodny@primenet.com
Message-ID: <4je259$jks@nnrp1.news.primenet.com>
Source record: 203784

cardenas@kaiwan.com (Anthony O. Cardenas) wrote:

>Chas,

>Price that manual direct from Motorola: 1-800-422-4210. Manual costs
>vary...

>Tony
>WA6IGJ
>_____snip_____
>"Charles A. Rubenstein" <rubenc@iglou.com> wrote:

>>I need to find a service manual for a Motorola Maxar50 UHF radio.
>>Please respond to rubenc@iglou.com if you have one.
>>Will gladly pay for copying or manual

>>Thanks.

>>Charlie

Chas,

Maxar 50 U.H.F. ----> 68-81064E35 $11.50

Z

4197. Re: Motorola HT1000 "Service Software"

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: zawodny@primenet.com
Message-ID: <4je259$jlh@nnrp1.news.primenet.com>
Source record: 203785

jmk3rd1@ix.netcom.com (J.M. Kehoe III) wrote:

>Hi,
> I am in need of the "Service Software" and the appropriate cable that
>will allow me to attach my HT1000 to my computer to change some
>settings. thanks in advance for any help! Jimmy

Jimmy,

You will need the following:

1. Computer to BIB Box Cable

25 pin 30-80369B71 $62.00
or
9 pin 30-80369B72 $52.00

2. RIB Box RLN-4008 $200.00

3. RIB Box P.S. 01-80357A57 $24.25

4. HT-1000 Cable RKN-4035D $210.00

5. HT-1000 Software RVN-4098E $350.00

6. Software License RPX-4719B N/C

You will have to get #6 filed before you will be allowed to purchase
#5. Call 1-800-422-4210 (Motorola's Americas Parts Division) for
details.

If you have only a few radios to program, you might consider finding
someone who has this equipment and work out a deal with them instead
of incurring the rather sizeable expense yourself...

Z

4198. Want info: Cubic Corp 1201 HF Tcvr

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: david@comms.ee.man.ac.uk
Message-ID: <4je1kk$i80@yama.mcc.ac.uk>
Source record: 203786
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

Hi,

Several years ago now I bought (cheaply) a HF transceiver which
was badged "AEL 1201". The company AEL claimed to have no knowledge
of such a radio. Recently I learned that the 1201 was actually
only distributed by AEL and then only for a short period. It seems
the radio was built by Cubic Corporation (I think). I would be
very grateful if anyone could supply me with contact details for
Cubic, or better still, let me know where I can get information
(just the schematic would be great) on this radio. It has a
TTL based synth giving 12 channels and I would like enough info
to be able to homebrew a replacement synth/VFO.

Many thanks,

David
--
David Tait, Tel: +44 (0)161 275 4504
Electrical Engineering Dept, Fax: +44 (0)161 275 4512
The University, Radio: G0JVY
Manchester, M13 9PL, UK. E-mail: david.tait@man.ac.uk

4199. FT-51R HACKING PROJECT UPDATE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: davidm@hous.inmet.com
Message-ID: <DozC78.M3M.0.-s@inmet.camb.inmet.com>
Source record: 203787

All:

In my quest to find out more information on the FT51R radio
regarding computer interfacing I approached three parties
the have access to the information, but declined to share it.
They were Yaesu, RT Systems (makers of Yaesu's software) and
the makers of EZ Clone. RT told me they signed a Non-disclosure
with Yaesu and the EZ Clone offered the following excuse
as shown below from a recent letter I received from them.
I'm upset that Yaesu will not disclose information to owners
of the radio especially since everyone owning one has paid
so much for it. If this bothers you then call them at this
number: 310-404-2700 I was told that Kevin karamanos is
the Sales Manager and this topic needs to be discussed with
him - his extension is 223.

Anyhow this is what the makers of EZ Clone sent to me:

---------- start of quote --------------------

Hi David, I've been following that thread too. I understand your
frustration about not having 51R software for your particular system.
That's the reason why EZ Clone tries to work on more than one
system (currently DOS, Windows 95, Windows NT, OS/2, Unix (Solaris &
Linux)). BTW, almost everyone here at work is also a ham.

So far we've put a lot of money, time, and effort into this
project, and we just can't give out the information we've
worked so hard to acquire. So, I hope you understand, and
I wish you the best.

regards,
dave sims

--
dave sims
sims@acsys.com
kc5jkn
http://www.acsys.com - EZ Clone, software for programming amatur radios

--------- end of quote ----------------------

Well I can understand the EZ Clone point of view as well, but
what the three don't realize is that someone either me or others
working on the same thing will eventually crack the secret
and share it with everyone else. With that said I have work to
do - as I said before anyone that wishes to help or has information

please let me know.

David Martin

4200. Re: 706 mod needed tran. in 151mhz

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4je52p$ka9@news.halcyon.com>
Source record: 203788

Robert H&#65533;yvald <72242.477@CompuServe.COM> wrote:

>Gary,

>In what way does this mod. make the amateur bands less usable?
>How hard can it be anyway?
No the it really doe snot affect the amateur bands. You need to
remove a shiled box that also has a board connected inside, there are
20 solder connections here, then you remove 2 SMD devices. Now you
lift the main board, get the hobby knife and cut a trace, locate a
chip and attach a jumper wire from one pin of the chip to the cut
portion of the trace. better have a service manual handy for location
of the parts and traces. All of this for 10 watts and still you can
not do more than 4 MHz offset so the CAP users are left out if their
repeater spans the 2 meter band for inoput and out put. Marine
telephone and Duplex channels are 4.6 Mhz offset so it will not be
much good there either. I would say for VHF you are better having
something like a 281 or 2000 or some 2 meter only radio that does what
you require easily.

Gary

4201. Re: Ten-Tec Kits

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4je5r2$leq@mksrv1.dseg.ti.com>
Source record: 203789

My TT 1220 2m FM rig is not working. Transmitter problems.
Probing with O'scope tells me signals are getting amplified
by all stages, but apparently start out way too low. Getting
only a few milliwatts output, about 8v pk-pk at collector of
PA transistor. Could someone open theirs up and make a few
scope readings through the transmitter chain so I will have
an idea what it should be doing? Manual does not say.

73 de KC5NG

4202. Re: ____, __ __-__ __ _____! ____ __ __?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <4je6v1$822@newsbf02.news.aol.com>
Source record: 203790

Sorry, couldn't resist the temptation to join the fray!
73's Mike KS4DA

4203. IC-706/AT-180 mobile operation problems

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9603281457.AA11679@noldor>
Source record: 203791

Mine does the same thing, even though the VSWR is less than 1.5:1,
I believe the real problem is this my friends.
The IC-706 RF output VSWR detector samples the refelected RF off the
output as everyone knows.
Detectors are sensitive to load. As one modulates the transmitter, this
source impedance from the power amplifier varies along different contours
of the dynamic load line of the MOSFET PA.
At varying output levels, like SSB, AM , (not FM, CW) , this source impedance
varies. THe Antenna tunner stops at a 1.2:1 VSWR which is fine at a predetermined power
level.
When one modulates the SSB signal the VSWR interaction between the changing
source impedance(transmitter output level) and Load(Antenna) causes the VSWR
dynamicly to rise above 1:5:1. Thus the AT180 kicks out.
To prevent this from happening, a power reflected directional coupler with
better directivity is needed to prevent this. I believe Icom has no simple
answer.
The next way to calm the detector is to place a small chip attenuator(3-4dB)
before the detector. Detector diode impedances change as a function of drive.
This causes the pretuned minimum voltage to fluctuate as in the case of a
varying SSB, or AM signal.
I did this with my AT180 and IC706, readajusted the VSWR's theshold, now no
problem.
I am an electronic enginner designing hand held transceivers and we use
power detectors in ALC loops for power settings all the time.
I can't figure out why Icom Engineers missed on this one!!
73
Mike

>
> Anyone tried to setup an IC-706 with the associated AT-180 into his car?

Well, I tried the AT-180 but not in my car. (For mobile operation it is
better to adjust the antenna itself rather than using a tuner. To get
the relatively short antenna radiating, it should be resonating).
I use the IC-706 currently as a base station in combination with the
AT-180, connected to a G5RV antenna (short dipole) with a current balun.

> By pressing the TUNE button for more than 2 seconds, the tuner
> starts tuning and quickly matches my helical antenna. The SWR
> reading is then below 1.5. However, when I start talking, the
> tuner light starts flashing (although the SWR reading is still
> below 1.5) indicating it is trying to match the antenna again and
> eventually goes out. I have to press again on the

EXACTLY THE SAME HERE! I have this problem on most bands. I did some experiments, here are the results:

4204. Re: Ten-Tec 1209 transverter kit: comments?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: Ed Cregger <ecregger@water.waterw.com>
Message-ID: <4je7ud$95t@sea.waterw.com>
Source record: 203792
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

ddenter@nortel.ca (Dean Denter) wrote:
>
> has anybody got any comments on the T-Kits 1209 2M -> 6M
> transverter kit?
>
>
> Is 5W output enough to get started on 6M (I can add a PA
> later -- maybe as next year's project :)).
>
> regards,
> Dean.
> --

Hello Dean,

I received my 1209 2m - 6m transverter kit last week, but have
not started assembling it yet. The kit looks good as does the instruc-
tion manual. Lots of small parts! It has an attractive case and appears
to be complete.
Yes, 5 watts (8 watts actually) is plenty of power to operate
on six meters. Not to worry. As you say, you can add an outboard amp
later if you feel you need it.
All I can say is that I am impressed with the kit and am look-
ing forward to getting it on the air.

Ed, NM2K
ecregger@water.waterw.com

4205. Re: GE Master II queries

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar28.163425.6420@ke4zv.atl.ga.us>
Source record: 203793
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

In article <4j98va$h9g@charm.magnus.acs.ohio-state.edu> cgreenha@magnus.acs.ohio-state.edu (Christopher K Greenhalgh) writes:
>Hello all.
>
>I got my hands on a GE Master II UHF rig with remote console, interface,
>cable, external speaker, and mic...basically complete.
>
>I am wanting to put it on 9600 baud packet, and am trying to gather any
>and all information about it. IE; watts, amp draw, pin out of console and
>mic, where to get crystals, value, and just ANY other info you may would
>be appreciated. A schematic for this rig would probably bring tears to
>my eyes. :)

Give us the combo number for the rig and we'll be able to tell you exactly what you have. The Mastr II is an excellent radio, and manuals are commonly available at larger hamfests. Hi-Manuals will also sell you a photocopy, and you might even still be able to get a new one from GE/Ericsson.

The flies in the ointment for using these rigs for 9600 baud packet are twofold. First, the radio uses phase modulation, which won't do for 9600 baud. You have to insert the modulation through the Channel Guard port, and modify the Icom for more deviation. If you do this cleverly, with an opamp, you can also sum in the temperature compensation voltage and retain commercial stability in the bargain. Be sure to strap the reactance modulator to a stable voltage, or it will introduce phase jitter in the signal from random noise fluctuations.

The second problem is a little harder to fix right. The receiver IF filter is too narrow, and there will be considerable phase distortion of the eye. I don't know where to get wider drop-in filters. There is a kludge that works if you aren't in a high signal area, however. That's to just bypass the IF filter with a gimmick capacitor. Better is to fit a wider filter, though you are going to have to adapt it, use a bit of perf board. Murata makes suitable filters. (Note, if you're using these radios for links, you *can* just lower the deviation until the eye straightens up and set it there rather than reworking the filters. The SNR margin is degraded slightly, but BER will be better due to the lack of phase distortion.)

The demodulator used by these radios also makes netting a little tricky. You do *not* adjust for channel center by adjusting for zero volts from the demodulator. The demodulator rests at about 2.5 volts. GE gives a different procedure in the manual for netting

these receivers. You should follow that unless you're very experienced
with these radios.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4206. FS: MOTOROLA P100 UHF

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: mfunaro@dsmnet.com
Message-ID: <4jee0b$7u@dsm6.dsmnet.com>
Source record: 203794

FOR SALE MOTOROLA P100 UHF, 2 CHANNEL, 2 WATT WITH RAPID CHARGER.
$150 SHIPPED.
73, MIKE WA0SWJ
mfunaro@dsmnet.com

4207. Kenwood TM-742A 10m question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: paul_butterfield@wb.xerox.com
Message-ID: <NEWTNews.827977391.2967.Pbutterf@butter-pc.ess.mc.xerox.com>
Source record: 203795

I have Kenwood's TM742A dual-band (expandable to tri-band) radio and am considering purchase of the 10m band module (UT-28S). Though I hesitate to ask, does anyone know if the extended receive, which covers 11m, would permit AM CB receive just as 2m permits AM Aircraft receive?

I know it is considered sport on these groups to run down CBers (err... figuratively speaking), but let's face it, there are more folks on the road with 11m rigs than 2m. When I hit a traffic jam and I want to know it's cause and workaround, ~27 MHz is a lot more likely to yield information than 146.52 MHz.

Don't bother telling me to buy a CB or perhaps kill a CBer for his radio and thereby improve the world while gaining a receiver :-o
I just want to know if the module supports AM.

Thx,
Paul
KB2TCG

P.S. 50W of AM Xmit might be nice too! <g>

4208. Re: GE Master II queries

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <4jeg0a$fk7@abyss.West.Sun.COM>
Source record: 203796
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

In article <1996Mar28.163425.6420@ke4zv.atl.ga.us>,
Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>In article <4j98va$h9g@charm.magnus.acs.ohio-state.edu>
cgreenha@magnus.acs.ohio-state.edu (Christopher K Greenhalgh) writes:
>>Hello all.
>>
>>I got my hands on a GE Master II UHF rig with remote console, interface,
>>cable, external speaker, and mic...basically complete.
>>
>>I am wanting to put it on 9600 baud packet, and am trying to gather any
>>and all information about it. IE; watts, amp draw, pin out of console and
>>mic, where to get crystals, value, and just ANY other info you may would
>>be appreciated. A schematic for this rig would probably bring tears to
>>my eyes. :)

[...]

>The second problem is a little harder to fix right. The receiver IF
>filter is too narrow, and there will be considerable phase distortion
>of the eye. I don't know where to get wider drop-in filters. There is
>a kludge that works if you aren't in a high signal area, however. That's
>to just bypass the IF filter with a gimmick capacitor. Better is to
>fit a wider filter, though you are going to have to adapt it, use a
>bit of perf board. Murata makes suitable filters. (Note, if you're
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

What IF does the Mastr II use? The Mastr Exec/Custom MVPs I've
tinkered with use a single 11.2MHz IF - my Murata catalog doesn't
list anything quite like this ;-).

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

4209. Re: Any info on FT-50?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: crum@xmission.xmission.com
Message-ID: <brka05drp3.fsf@xmission.xmission.com>
Source record: 203797

OK, from Jeff's posting, we may be only 4 days away from the introduction.
(Note the date.)

Here's the info I came across:

Yaesu company memo
Date: March 5, 1996
To: Yaesu USA Amatuer Radio Marketing Division
17210 Edwards Road
Cerritos, CA
From: Technical Division Yaesu Musen Company
C.P.O. Box 1500
Tokyo Japan
Subject: Marketing Specs. and Features of the FT-50r

The following is a highlight of the list of features for the
FT-50r dual band handheld which should be used in all press
releases

Ultra compact unit--approximate size of FT-11R
MIL-STD 810 rating for extreme durability
Receive from 110-174, 320-475 mhz, 800-960 mhz
Transmit (American version) 144-148 mhz, 430-450 mhz,
and on the 800 mhz band, 7W high power @9.6 volts
ALL NEW: Cellular phone capability--unit is compatible
with the existing cellular trunking systems and
can be programmed by any cellular service provider
to function as a cellular phone
Digital track tuning for excellent intermod rejection in
severe operating conditions
Simultaneous dual band receive in any combination
Digital voice recorder/voice messaging system with CW ID.
Paging/Digital code squelch with digital voice capability
Spectrascan--bar graph display of frequency activity

Alaphanumeric display with 400 memory channels/30 autodial
memories
Ultra loud audio
Super-glo lighted display with backlit keybad
Dual Ultra high speed scan (30 channels/sec) with user
defined resume options
Splash resistant high impact case with non-scratch display
12 VDC direct input jack
Program the HT using WINDOWS and the ADMS-1B software
package
Built in 9600 baud packet ready port

ARTS--Auto range transpond system to visually and audibly
alert when another radio with ARTS is out of range
User friendly menu driven programming
Cross banding capability with CW id at desired intervals
Built in clock with alarm and QSO timer
Full line of accessories

4210. IC 706 CROSSBAND SPLIT???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: bwhittem@mailgw.sanders.lockheed.com
Message-ID: <bwhittem.30.315ACFBE@mailgw.sanders.lockheed.com>
Source record: 203798

does anyone know how to make the 706 do crossband split? i would like to use
it for the rs10 and rs 12 sattelites but looks like split only works in single
band
thanks
barry
wb1edi

4211. Scanner For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: n9mxt1@aol.com
Message-ID: <4jemkk$cm1@newsbf02.news.aol.com>
Source record: 203799

Selling, PRO-2035 almost like brand new. $250 + shipping or trade!

1000 Channels, with many features!

If interested let me know.... N9MXT1 - Jeffrey

4212. HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: herb@alpha1.csd.uwm.edu
Message-ID: <4jelum$6ls@uwm.edu>
Source record: 203800

Hey, all those no-code HAMS who complain about not getting on HF are not missing anything! Why would anyone want to be on HF? The conversations are always empty & meaningless, containing only the following standard info:

1) The Weather
2) Type of Radio
3) Signal strength

The only in depth conversations I have ever had on HF were with people within 20 miles. You could use 2 meter, or 440 for that, and spend less on gear! What is the point of yelling CQ CQ CQ (or ponding CQ CQ CQ) just to get a stupid qsl card?
As far as the three items listed above,

#1, weather = You can watch TV for that.

#2, radio gear = Who cares?

#3, Signal Strength = Who Cares?

The only good HF is QRP, because at least you are accomplishing something somewhat outstanding. Buying a $2000 rig accomplishes nothing, but wasting money. Anyone can work across the contry on a big 100w rig with a huge antenna.

HF offers little enjoyment to people who are more than 'postcard chasers'. Even CB'ers, whom HF'ers seem to think are inferior, carry on more interesting conversations.

Nate's suggestion for improving HF:

1) Instead of code, require a test in socialization & conversational skills.

2) Allow no more than 50w 40m and below.

3) Make it illegal to talk about root canals (noone cares!)

4) Require a physical & hygene exam! (I get sick every time I go to a HamFest!)

Just my thoughts. No-coders, you really aren't missing much, so if you can't learn code for whatever reason, don't sweat it! You can get better looking postcards at the corner drugstore, and you can have better conversations with local trees, and other vegitation.

Nate.

Oh, yeah, you HF'ers are all going to look up my callsign, and to save you the trouble, it's KB9LSX, and I am NO-CODE. But believe me, I've

worked my share of HF, and thus I have not upgraded.

4213. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: herb@alpha1.csd.uwm.edu
Message-ID: <4jem4v$6ls@uwm.edu>
Source record: 203801

Nathan Ryan Gingras (herb@alpha1.csd.uwm.edu) wrote:

Sorry, I meant to post this in R.R.A.misc.

I have a picture of you that you didn't give me!

-Chrome Yellow

4214. I look for metal detectors creators for information exchange.(No letter)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: "Irina N. Borisova" <bin@poisck.spb.su>
Message-ID: <AE2qjMnmi8@poisck.spb.su>
Source record: 203802

[No readable article body recovered]

4215. Re: Cheated by MARTIN DURHAM WT1S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: paidukas@harris.com
Message-ID: <4jeodg$kko@hearye.mlb.semi.harris.com>
Source record: 203803
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

Barry,

This is a sad story indeed. Is there anyone in out here that can contact this rip-off artist and help Barry get his TNC or money back? As you can see Barry is disabled. Here is Martin Durhams address and such:

WT1S Martin I. Durham
404 Spruce Cir.
Jordan, MN. 55352
DOB: 14-APR-1964

I hope someone local to this address can help Barry.
--... ...-- -.. .
Paul KT4DI

>-> From: ab409@ccn.cs.dal.ca (Barry Hallett)
>-> Subject: cheated out of tnc
>->
>-> The name is Barry in Dartmouth Nova Scotia, I sent a money order to
>-> MARTIN DURHAM WT1S for $100.00 US funds for a PK 88 tnc. He said he sent
>-> it and it is now 5 months later and no tnc. I am on a disability
>-> and cant afford this kind of action. If anybody has a very inexpensive
>-> tnc I am still looking for one. I hope this ham that Screwed me out of
>-> money can realy sleep at nite knowing he has done this.
>-> Martin I hope you read this and are happy.
>-> 73 barry
>-> --
>-> ---
>-> --------- Barry Hallett
>-> VE1MUS
>-> ab409@ccn.cs.dal.ca
>-> Lawrencetown, Nova Scotia, Canada
>-> (902)435-2364
>-> _____

4216. Re: Choosing a GPS receiver ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: johnbl@solair1.inter.NL.net
Message-ID: <Doztyy.E5L@solair1.inter.NL.net>
Source record: 203804

Francois Bonnet (fbonnet@zen.dedal.fr.net) wrote:

: I don't know if it's the right newsgroup to post this
: article, but I need a GPS receiver and I don't know
: whiwh one can I choose.

Trimble Navigation has an excellent book about GPS: how it works, causes of errors, how to choose a receiver etc etc.

"GPS: A guide to the Next Utility, by Jeff Hurn
Trimble Navigation LTd. 645 North Mary Avenue, PObox 3642, Sunnyvale, CA 94088-3642"

Also try the navigation newsgroup for more info. Not sure what the title of this newsgroup is, sorry.

Joop

4217. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: n9mxt1@aol.com
Message-ID: <4jes57$ek6@newsbf02.news.aol.com>
Source record: 203805

Hmmm reading your message was very interesting. I personally feel you wrote the message for 1 of 2 reasons.

1) Maybe you thought the Newsgroups were becoming quiet and thought that writing a message against HF would stir-up some activity!
2) Maybe you have nothing else to write about!?!? and thought to yourself hmmm who can I put down today??

OK... well, theirs many aspects to the hobby and some people like HF and others I
guess don't! Personally, I find pleasure working DX and working contests.. I have accomplished many awards for my working stations on HF. ie: DXCC / WAS / WAZ and more. When, I get on HF I have normal communications with fellow hams and also have my short exchanges too. I know people personally who hate HF only cause they are to lazy to upgrade to have the HF privilege added to their license. So, you have a right to hate HF but, if your justing going out and bashing the HFers like myself you should at least write another message after upgrading from NO-CODE to a higher class! "Just an idea!". Basically, the ending to your message saying "I've worked my share of HF, I thus I have not upgraded" only tells people that you did this via CB radio or your willing to operate illegal on bands you don't have rights too. So, why should anyone care what you think!!!! If you don't like the laws that the FCC made in this country then maybe move to another country where you don't have these rules to follow.
Well, I don't want to put you down or anything but you seem to have a lot of problems on your mind so maybe you should get some help!

Have fun complaining... HFer's BEWARE of people
like this!!
Jeffrey - N9MXT1

4218. AEA's Doctor DX Cartridge: Anyway to run on a PC?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: becker@areaplg2.corp.mot.com
Message-ID: <1996Mar28.185143.16376@schbbs.mot.com>
Source record: 203806

I have pretty much retired all my C-64 stuff, but I used to really enjoy using the Doctor DX cartridge. I'm wondering if there is anyway to run this on a PC?

I know there are programs to emulate the C-64 on a PC, but how would you interface with a C-64 cartridge? Has anyone hacked the code in this cartridge and converted it to a file that can be run from disk? Better still would be an out-and-out conversion to code that would run on a PC without an emulator.

John

4219. Yaesu HT Nicad dissasembly

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: smason@agt.net
Message-ID: <315aeb98.1780099@news.agt.net>
Source record: 203807

Hi all.
I have a bad Nicad pack from an FT-530. If I remember correctly, tha last time I tried to dissassemble a Yaesu pack from a 470, it was extremely difficult.
Does anyone have any tips?
I was thinking of using a heat gun to soften the glue...

Thanks,

Steve

4220. Re: FT-51R HACKING PROJECT UPDATE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: landisj@nad.com
Message-ID: <1996Mar28.132145.493@nad.com>
Source record: 203808

In article <DozC78.M3M.0.-s@inmet.camb.inmet.com>, davidm@hous.inmet.com (David Martin) writes:
> All:
>
> In my quest to find out more information on the FT51R radio
> regarding computer interfacing I approached three parties
> the have access to the information, but declined to share it.
> They were Yaesu, RT Systems (makers of Yaesu's software) and
> the makers of EZ Clone. RT told me they signed a Non-disclosure
> with Yaesu and the EZ Clone offered the following excuse
> as shown below from a recent letter I received from them.
[snip]

Why should EZclone, RT, Yaesu or anyone else divulge trade secrets to you?
It's their engineering time, and if they choose to sell their results, they
have every right to.
Joe - AA3GN
--
Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
landisj@nad.com ..speaking only for myself, of course..

4221. Need Mods for FT-2500m

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: Hank <kb2rkx@soho.ios.com>
Message-ID: <315B2606.6555@soho.ios.com>
Source record: 203809

Are there any mods for the FT-2500M? There is a green jumper thats visable by removing the top cover. It looks a lot like the jumper that one cuts to mod a ft-530. Any ideas?

4222. Need information about the SIEMENS receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-28 00:00:00 UTC
From: wandal@world-net.sct.fr
Message-ID: <4jevg0$buo@aldebaran.sct.fr>
Source record: 203810

Has anyone out there ever tried the SIEMENS shortwave receiver?
The one which is retailed in Europe at about 500 DM.
Would like to know about its performances.

4223. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: herb@alpha1.csd.uwm.edu
Message-ID: <4jh731$1g7@uwm.edu>
Source record: 203662

Good day, humans:

Read this response, and you will understand fully the Hardcore HF
persona.

Dana Rodakis (dgra@qmgate.ECi-esyst.COM) wrote:
: Nathan,
:
: I figured you must be a NO-CODE LID! Only your mentality
: would bash the HF spectrum. Stay on 2 meters or better yet,
: channel 19, where you belong. I'll bet you use the words
: "break", "destinated", "come on back" and every Q-signal in the
: list on the local 2-meter repeater, even though Q-signals are
: CW (morse code!) abbreviations. And before you start bashing

I only talk simplex, and the people I talk to are more interesting, and
more civilized than most people on 80m phone.

n8

: code as an useless out-of-date mode of communication, I have had

I am glad you like code, but this is a democratic society.... If the
majority would prefer to get rid of code, it should happen with the
quickness.

n8

: many wonderful conversations with stations everywhere using code,
: while driving down the interstate.
:
: So, if you don't like HF, then STAY THE HELL OUT so that we who
: enjoy all aspects of amateur radio, especially HF can enjoy it.
:

Just keep following the watch, Dana, You're getting sleepy.

: I'll bet you give your callsign and add "for ID".
: : 73 to everyone else
: Dana, AJ1R
:
:
:

Code IS out of date, that's not to say there's anything wrong with it. In
fact HF would probably be 1/2 as bad if everyone DID use CW. However, I
know the real reason everyone wants to keep CW req's.... Because they had
to learn it, why shouldn't we...

Hey, kids,

If you want to have fun, count the typical UNINTELLIGENT hardcore HF response quotes in this article. (not mine, the gentleman who kindly set me straight...hehehe)

73 to everyone who could come up with a response more intelligent than this (like perhaps my living room carpeting), good or bad. I like hearing everyone's opinion.

Nate.

4224. Re: ____, __ __-__ __ _____! ____ __ __?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <4jh6hm$7d3@newsbf02.news.aol.com>
Source record: 203663

Hi Charles!
"what does this mean?"...I just noticed a lot of postings based on this guy that wrote out his question about a rig, embellished with a bit of profanity...I just thought it was amusing how it raised the ire of the newsgroup...I should probably just stay out of it all hi:-)
73's Mike KS4DA

4225. Re: WTB: kenwood dsp-100

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: Keith Hester <ks9c@itis.com>
Message-ID: <315C2F73.6D9E@itis.com>
Source record: 203664

Carlos Ramirez wrote:
>
> I am looking for this unit for my TS-450. State price and condition, only
> reasonable offers would be answered.
> 73's
> Carlos

Hi Carlos:

You will probably elicit responses from those wishing to sell their DSP-100s... but if you wish a new one, AES in Milwaukee was offering them at a very good close-out price a few months back. It would be worth placing a call to them to see if any remain.

Regards,
Keith (KS9C)

4226. KAM Upgrades

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: luru@foibe.otol.fi
Message-ID: <LURU.96Mar29205652@foibe.otol.fi>
Source record: 203665
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

I have been offered an old Kantronics KAM TNC.

It does not seem to know the latest HF modes (e.g. PACTOR, G-TOR).

What are the upgrade possibilities for it?

The serial number is 100 06262 and the EPROM has a label '2.85'.

Thanks,

Luru
--

/// AriMattiJuhaniHusaOH8NUPAri.Husa@iki.
o-o fiTiedonkaari6D25FIN-90570OULUFinland
o 9405020236http://www.iki.fi/ari.husa/

4227. WTB: Ant Tuner Tokyo Labs HC-2000

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: skybird@ix.netcom.com
Message-ID: <4jgvgc$ol7@dfw-ixnews3.ix.netcom.com>
Source record: 203666

Please email me if you have one.

Thanks,

John N4SPL
--
John Finley

skybird@ix.netcom.com

4228. Help, IRCI filter for Kenwood TS-50

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: rlewis@staffnet.com
Message-ID: <31d7cc$e2a23.37e@news.staffnet.com>
Source record: 203667

I purchased a used TS50S with a never installed 8 pole crystal filter by International Radio and
Computer, Inc. (the old Fox Tango corp). The filter is supposed to mount in the space for the
Kenwood CW filter. There is no way! The IRCI filter is way too big. I called the number on the
data sheet (407-489-5609). The number is disconnected with no further information. Anyone know where to find IRCI or have any other experience with the IRCI filter in a TS-50S? The address I show for IRCI is 3804 South U.S. 1, Fort Pierce, FL 34982.

4229. Re: Opinions of RS HTX-212 Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: webbte <ted.webb@columbiasc.ncr.com>
Message-ID: <Dp1JE6.B48@ncrcae.ColumbiaSC.ATTGIS.COM>
Source record: 203668

Greg -
I bought and installed one about 2 months ago, and am pleased
with its performance. It replaced an ICOM 28H which is now in
the shack. The only thing I find bothersome about the RS rig is
my On-Off switch is a little sensitive. It's easy to double hit
and end up with the radio still off - but that's my problem.
Otherwise, it has lots of neat features and the scan feature is
very fast, much faster than the old ICOM. The one feature I
miss, is a quick way to listen to the repeater's input to see if
the sig is strong enough to go to simplex. There may a way, but
I haven't read the manual in enough detail to find it.

Good radio, good pricel

ted / AC4CS
>==========Greg Snellgrove, 3/28/96==========
>
>Would anyone who owns a Radio Shack HTX-212 mobile 2 meter rig care to
>share their experiences with the rig? I would greatly appreciate it!
>
>73, Greg
>KN4NO

4230. Re: Need information about the SIEMENS receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: claude@bauv.unibw-muenchen.de
Message-ID: <claude.828091754@bauv111>
Source record: 203669

wandal@world-net.sct.fr (wandal) writes:

>Has anyone out there ever tried the SIEMENS shortwave receiver?

Siemens has manufactured many models of SW receivers.

>The one which is retailed in Europe at about 500 DM.

The model would be the prefered information. Perhaps you had
"l'affaire de siecle".

>Would like to know about its performances.

The performance of DM 500,-- ? Hmm... very limited today. :-(
--
Claude
(claude@bauv106.bauv.unibw-muenchen.de)
The opinions expressed above represent those of the writer
and not necessarily those of her employer.

4231. Drake 1824 Sat rcvr

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: jbeckett@servtech.com
Message-ID: <315c41bd.5746320@news.servtech.com>
Source record: 203670

FS

Drake 1824 Sat rcvr
Infra-red and UHF remotes,
manuals and original box
No VC II
$595 + shipping.

Orbitron SX-10
Polar mount
Corotor II+ C and ku
20 degree C LNB
.7 ku LNB
$395
pickup only

Jim
KD2KU
Corning, NY

email jbeckett@servtech.com

4232. Re: Yaesu "mil-spec" NOT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: tculin@teleport.com
Message-ID: <4jheud$rcd@nadine.teleport.com>
Source record: 203671

levine@mc.com (Bob Levine) wrote:

>In article <kham-2403961408350001@blv-pm3-ip8.halcyon.com>, kham@halcyon.com (David A. Kay) writes:
>--> Hello, all. After a number of conversations with Yaesu I have
>-->learned the following:
>-->
>-->1. Both of these rigs are Mil Spec

>I've wondered about this. Knowing how demanding mil (883-B for example)
>specs are, I doubt that any of the Yeasu radios are "mil-spec".

>Mil spec requires specially screened semiconductos (plastic pkgs
>are not allowed) etc. How can Yeasu claim mil-spec on cheapo
>(relatively speaking dollar wise compared to mil-spec) radios?

The mil spec rating is on shock and vibration. The test parameters
and results are available from yaesu. Esentially it was subjected to
so many G's for so many hours with out componet or structural failure.
These radios are definitly tougher than any other mobil I've owned!

>--
>/**
> * Bob Levine *
> * Manager of Application Engineering *
> * Mercury Computer Systems KD1GG/VK2GYN/7J1AIS *
> **/

4233. Severe Weather Information

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: weather@io.com
Message-ID: <4jhic6$51v@nntp-1.io.com>
Source record: 203672
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

Please visit Widespread Weather Services homepage to find out how to
receive weather information via alphanumer pager. We have a number of
clients and we are growing daily. The cost is around $10.00 per month
per zone. We have coverage in 49 states. This is an excellent
opportunity to receive weather information whereever you are!!

Bill Combes, WWS

--
>>>
Widespread Weather Services "Taking weather into the 21st century"
1-800-845-0383 Fax (512) 302-9781
http://www.io.com/~weather weather@io.com
<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<

4234. Re: FT-51R HACKING PROJECT UPDATE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: davidm@hous.inmet.com
Message-ID: <Dp1rLC.JqK.0.-s@inmet.camb.inmet.com>
Source record: 203673

Hi.

Joe I am not saying that they HAVE to do anything only that they
will not supply the information to anyone. Therefore I shared that
information with folks here on the net so they know not to waste
their time!

David

PS Nothing wrong with that. But glad you brought the point
up anyhow. Thanks.

Joe Landis - Systems & Network Mgr (landisj@nad.com) wrote:

: [snip]

: Why should EZclone, RT, Yaesu or anyone else divulge trade secrets to you?
: It's their engineering time, and if they choose to sell their results, they
: have every right to.
: Joe - AA3GN
: --
: Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
: landisj@nad.com ..speaking only for myself, of course..

4235. Re: radios and motorcycles

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: dhughes@efn.org
Message-ID: <315c119a.5680468@news.efn.org>
Source record: 203674

moore@ (Andrew M. Moore) wrote:

>In article <4ip8u8$h2j@dawn.mmm.com>,
>Gary Hosler - KN0Z <grhosler@mmm.com> wrote:
>>degreene@heurikon.com (David Greene) wrote:
>>
>>
>>>Hi,
>>
>>>I'm thinking about buying a ham handy talkie and using
>>>it on my motorcycle. I know that Wingers and Harley touring types
>>>use CBs on there bikes and I'm wondering if a special
>...
>>>My bike is not a touring machine and only has a windshield,
>>>so there is probabaly going to be more wind noise on it.
>
>Dave:
>
>This sounds like a deadly combination. I think you will face the same
>distractions with this combination we already face when talking on the
>radio in the car, which I think most of us can handle just fine. The
>problem, though, is that like most other things on the motorcycle,
>everything is so much more critical and less forgiving (traction,
>skidding, riding over bumps, etc). If you or someone else in traffic
>*happens* to screw up, the difference between avoiding a problem and
>being hurt/killed might simply require that extra bit of attention you
>had been giving to the radio (even just listening to a QSO). I think
>it just comes down to a gamble. Again, the same problems are present
>elsewhere (operating CW and voice in the car, etc), but the stakes
>are higher. I tried riding my CB750 with an HT and an earphone for
>several days (receive only) just to listen to local police traffic,
>but I didn't feel comfortable with that, and I abandoned it only after
>a few days.
>
>Anyway, good luck with whatever you decide -- just use your common
>sense in either case.
>
>This winter has been too long. I'm looking forward to taking the bike
>out of storage this week!
>
>-Drew

Check out the Motorcycling Amateur Radio Club MARC at
http://www.cuug.ab.ca:8001/~ve6hgw/marc/. The members of MARC can get
you all the information you need.

Dick Hughes - W7LVA

4236. Re: Yaesu "mil-spec" NOT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <4jhj4u$58l@abyss.West.Sun.COM>
Source record: 203675

In article <4jheud$rcd@nadine.teleport.com>,
Ted Culin <tculin@teleport.com> wrote:
>
>The mil spec rating is on shock and vibration. The test parameters
>and results are available from yaesu. Esentially it was subjected to
>so many G's for so many hours with out componet or structural failure.
>These radios are definitly tougher than any other mobil I've owned!

The FT-2500 is pretty rugged, but there are ones that are even more
sturdy. I'd say a Motorola MCX-100 or MCX-1000 is easily more rugged
than an FT-2500, and has a better receiver, too.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

4237. IC745 frequncy shift/distortion problems

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: degreene@heurikon.com
Message-ID: <degreene.828137498@news.heurikon.com>
Source record: 203676

Hello,

I was talking to a friend ont he radio a few days ago
and noticed he was having a bad frequency shift/drift
problem. His rig is an Icom IC745. While he was
transmitting, at first I noticed a steady 100Hz/minute
downward frequncy drift that went on for about 4 minutes
steadily, then it abruptly jumped down about 2.5KHz and started
distorting very badly. Then it just jumped back to the original
frequency we had started on and the problem went away. Then
it did the same thing about 7 - 10 minutes later.

He said that this has been reported to him before, so I
assume my radio wasn't the problem.

Does anyone know what this problem might be or what
a fix might be, or perhaps a good way to start troubleshooting
it? please email me at degreene@heurikon.com

Tnx,
Dave aa9bi

--
--
Dave Greene Heurikon Corp. 800-356-9602

4238. Re: Swan 600/ Heath Apache

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4jhm1i$3k7@mksrv1.dseg.ti.com>
Source record: 203677

-SNIP-
>I have a friend who has the Swan 600 twins and a Heathkit Apache
>transmitter. He is wondering what a fair asking price for these would
>be. They seem to be in pretty clean condition externally. The Apache
>worked when it was stored and the 600 twins *might* need a little work on
>a selector switch.
-SNIP-

Apache: $50 to $75, should be easy to sell, collectors grabbing them.
Swans: $100 to $200, not much of a market for these.

73 de KC5NG

4239. Re: TEN-TEC POWER-MITE;HELP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4jhm69$3k7@mksrv1.dseg.ti.com>
Source record: 203678

In article <4j4b76$4ph@news.ios.com>, robertm@ios.com says...
>
> I HAVE JUST ACQUIRED A TEN-TEC POWER MITE (20/40) QRP ROG.:
>ANYONE HAVE ANY INFO ABOUT THIS RIG?:
>THANKS, BOB, WA2EAW

About one Watt output, direct-conversion rcvr, drifts like mad,
lotta fun to tinker with. Somewhat of a collectors' item for
the QRP crowd. Ten-Tec may still have the manual, call them.
I've gotten old manuals from them before (copies, of course).

73 de KC5NG / QRP

4240. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4jhnek$3k7@mksrv1.dseg.ti.com>
Source record: 203679

Sorry, Nate, but I gotta disagree with most of your post...

First, some background on me. I've been licensed since 1977, and have worked HF heavily all those years. I have an Extra Class license (since 1990), and I work only CW. I've never had that much fun on SSB, but playing around with 10m FM is fun (especially on homebrew gear and converted CB rigs).

I suppose I will have to agree that much of the conversation on SSB is quite boring and mundane, with a bunch of "old farts" who get together every day at the same place and time and say basically the same thing, and far too many idiots like those on 3898 KHz. HOWEVER... that's NOT the only QSOs you'll hear, if you'll tune past that garbage and really listen. There are PLENTY of nice folks on SSB if you look around the band to find them! It only takes a LITTLE effort on your part.

I love operating CW, because I find more enjoyable conversations there (my personal opinion, do not flame me in public and waste a lot of newsgroup space). Sure, a lot of QSO's end up being RST/name/QTH/rig/weather/73/CUAGN. I like to chat and rag-chew, and most of the time, I can find someone to engage in a nice long QSO. I have plenty of subjects to talk about: QRP operating; homebrewing and modifying ham gear; restoring, showing, and driving classic Ford Mustangs; die-cast model car collecting; glass insulator collecting; traveling the caribbean and going on sea cruises; et cetera.

It sounds to me, Nate, like you're really not giving HF any kind of "fair shake". As I said, on SSB, you've got to tune your rig (and your mind) past the boring old farts and nasty ignorant SOBs to find what you're really looking for, but it is out there, please trust me. As for CW, don't look at it as a hurdle to overcome, or a "lockout" to keep people off of HF. Instead, go after it as another doorway to meeting others and enjoying part of the world of ham radio. It can be fun, if you don't look at it negatively.

Now, then... if anyone wants to disagree with my opinions, and has some burning desire to flame me over anything that I've said here, please do it privately, so we don't waste a lot of newsgroup space yelling at each other. Thanks.

As for you, Nate, you've really stepped on a lot of peoples' toes with your tirade. Just back off and think about it a bit more, and give HF another chance.

73 to all from the Lone Star State! de KC5NG

4241. Re: Alinco DX70 Experience

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4jho91$3k7@mksrv1.dseg.ti.com>
Source record: 203680

-SNIP-
>There's no radio that's for everyone (too bad...) I think anyone
>who is seriously considering a 706 or a dx70t should compare them
>for themselves. In my tests, done the way I use my radios, in my
>shack, the dx70 won hands down - this won't apply to everyone else,
>though! The 706 is a fine rig - it's just not for me.
>
>73 de Will KB9JTT
-SNIP-

Well said, Will. Both of these rigs are fine pieces of gear, but neither is for everyone. I own the DX-70T. I evaluated both, and applied my own criteria: cost, basic features, performance, size. I was looking for an HF mobile rig to primarily use on SSB (yeah, I know, I'm supposed to be Mister CW, but not when I'm mobiling). I enjoy yakking on 40m and 20m, and have no interest in 6m or 2m. I must have a rig with detachable front panel due to limited space in my vehicle, so the Kenwood TS-50S and Ten-Tec Scout (which I owned at the time and later sold) were not viable contenders. Both the DX-70T and IC-706 put out 100 Watts, have the detachable front panel, are about the same physical size, have LCD displays, and the same basic features (all mode, general coverage, et cetera). The DX-70T was (at the time) over $300 cheaper, and had fewer bells and whistles. That is important to me when operaing mobile, because there's already enough going on in and around a moving car, and too many radio knobs and buttons to mess with takes too much of my attention away from driving (which is a very bad thing in Dallas traffic, believe me). So, for me, the DX-70T was the better choice. I won't sit here and tell you that any of the four rigs I've noted here is or is not the right one for you. You MUST evaluate all of them and apply YOUR OWN criteria. Then buy the right rig for YOU.

73 and good luck in your rig search de KC5NG

4242. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: n9mxt1@aol.com
Message-ID: <4jhpj4$doa@newsbf02.news.aol.com>
Source record: 203681

Getting completely off the topic of HF... but, you are strange! Just by
reading your messages that you send to backup your point it scares me.
You don't get angry you just write and use strange come backs.

I don't know... strange people on here!

\\|//
(o o) Smile
and be happy!
----------oOOo-(_)-oOOo----------

N9MXT - Jeffrey

4243. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: n9mxt1@aol.com
Message-ID: <4jhr31$eda@newsbf02.news.aol.com>
Source record: 203682

Hmmm reading your message was very interesting. I personally feel you
wrote the message for 1 of 2 reasons.

1) Maybe you thought the Newsgroups were becoming quiet and thought that
writing a message against HF would stir-up some activity!
2) Maybe you have nothing else to write about!?!? and thought to yourself
hmmm who can I put down today??

OK... well, theirs many aspects to the hobby and some people like HF and
others I
guess don't! Personally, I find pleasure working DX and working
contests.. I have accomplished many awards for my working stations on HF.
ie: DXCC / WAS / WAZ and more. When, I get on HF I have normal
communications with fellow hams and also have my short exchanges too. I
know people personally who hate HF only cause they are to lazy to upgrade
to have the HF privilege added to their license. So, you have a right to
hate HF but, if your justing going out and bashing the HFers like myself
you should at least write another message after upgrading from NO-CODE to
a higher class! "Just an idea!". Basically, the ending to your message
saying "I've worked my share of HF, I thus I have not upgraded" only tells
people that you did this via CB radio or your willing to operate illegal
on bands you don't have rights too. So, why should anyone care what you
think!!!! If you don't like the laws that the FCC made in this country
then maybe move to another country where you don't have these rules to
follow.
Well, I don't want to put you down or anything but you seem to have a
lot of problems on your mind so maybe you should get some help!

Have fun complaining... HFer's BEWARE of people
like this!!
Jeffrey - N9MXT1

\\|//
(o o) Smile
and be happy!
-----------------------------------oOOo-(_)-oOOo--------------------------
----

N9MXT - Jeffrey

4244. TS711A Mods & TU5 WANTED

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: dd980@FreeNet.Carleton.CA
Message-ID: <4jhtdj$q0d@freenet-news.carleton.ca>
Source record: 203683

I need any mods for a TS-711A kenwood also need a tone board TU-5

4245. Wnt: PL Board for Kenwd TR7950

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: kelhelmick@aol.com
Message-ID: <4ji04u$gl0@newsbf02.news.aol.com>
Source record: 203684

My father recently got a smokin deal (free) on a Kenwood 2M TR7950, only catch is, it doesn't have a PL board. I'm looking for the original PL board for this radio? Any suggestions, Kenwood doesn't carry it anymore.

Please E-Mail KelHelmick@AOL.Com

4246. Re: FT-51r Reviews

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: wsoon@primenet.com
Message-ID: <4ji4j3$n1n@nnrp1.news.primenet.com>
Source record: 203685

Please define "unable to erase a memory once programmed" -- does this
mean that that memory position is also unchangeable????

-- Bill --- KF6ZO

jcupples@iphase.com (Jerry Cupples) wrote:

>In article <4j4d49$ra1@tzlink.j51.com>, richard@j51.com (J. Miner) wrote:

>> Hi
>>
>> I am Interested in the yeasu FT-51r and just wanted to know how other Ham
>> liked the rig.
>>
>> Thanks and 73,
>> Jon N2XFZ

>I like it. Works well.

>Only drawbacks are no direct (plug/jack) DC power input to the radio. I
>suggest buying the E-DC-12 DC adapter and the FBA-14 AA battery case
>(which regrettably don't work _together_). Covers all the local repeaters
>on both bands for me when used at base location with AR270 groundplane at
>3 watts. I got the MH-12A2B remote mike, have gotten many good comments on
>audio.

>The FNB-38 9.6 V battery (600 mAh) lasts a disappointingly small time when
>used to transmit, even at reduced power. I read all the stuff about NiCd
>batteries, do it all, and then regret buying expensive, heavy battery
>packs that give you a tiny amount of power. My preference is to buy bulk
>alkaline batteries (they are 2,400 mAh) at Sam's, and throw em away. At
>about $1.20 per set, that's at least 40 sets for the price of a NiCd, and
>they last many times longer for me.

>I like the display and the keypad (backlit) and it is very small and
>solid. Has nice battery pack connection scheme inside the radio, spring
>loaded gold contact pins look very well made.

>It does have a strange limitation in not being able to erase a memory once
>programmed, and it will dump all memories if you follow manual
>instructinos for enabling then disenabling wide range reception.

>Still waffling over whether this rig is better than Kenwood TH79, but no
>major regrets.

>cheers,

>Jerry Cupples
>KC5SXA

wsoon@primenet.com http://www.primenet.com/~wsoon/

4247. TS-820S Service Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: Bob Ludlum <brlpe@worldnet.att.net>
Message-ID: <315CC23C.536E@worldnet.att.net>
Source record: 203686

I would like to buy a service manual (not owner's manual) or a good copy of one for the Kenwood TS-820S HF Transceiver.

Bob K4LXA

4248. Free Amateur Swap Shop WEB page

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: "Bruce C. Raisley A.R.S. N9ZLE" <n9zle@concentric.net>
Message-ID: <315CB389.166D@concentric.net>
Source record: 203687
Cross-posted to: rec.radio.swap,rec.radio.amateur.policy,rec.radio.amateur.equipment

There is an Free Amateur radio swap shop WEB PAGE
at:
http://www.concentric.net/~n9zle
Post your own adds for free, send graphics with your add(standard email)
if you would like to show a picture of it.
A picture CAN SELL your item!

see you there, 73s DE N9ZLE

4249. Re: Kenwood TM-733A CrossBand Repeat

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: "Bruce C. Raisley A.R.S. N9ZLE" <n9zle@concentric.net>
Message-ID: <315CBE3C.1FC4@concentric.net>
Source record: 203688

Joe Fitter BV/N0IAT wrote:

: For what it's worth, the FCC in the USA specifically identifies
: such cross-band links as being legal only on frequencies above 222
Mhz.
:
: This means that it is technically illegal to have a "440 repeater"
that
:is being linked via a 2 meter frequency. Be warned, as I've heard
: actions being handed out for these kinds of violations.

I have the BOOK tell me where the law is at, part 97 what ever.
I'd like to read it!
the FARA system that runs from Canada to TN, is cross band via
440.
Many repeaters in my area have links to 440 repeaters. I will belive
there is a law when I see it. Be sides I will have both an 440 and
2 meter repeater linked together.

PS I'll try sending info via the mike while opening the sql to see
if it works.

4250. Re: IC 706 CROSSBAND SPLIT??? -- It Won't Do It.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: Gary Pearce KN4AQ <kn4aq.gary@mms.net>
Message-ID: <315CB65F.5532@mms.net>
Source record: 203689

bwhittem@mailgw.sanders.lockheed.com wrote:
>
> does anyone know how to make the 706 do crossband split? i would like to use
> it for the rs10 and rs 12 sattelites but looks like split only works in single
> band
> thanks
> barry
> wb1edi

Hi, Barry.

The 706 will not work split across bands -- only within the same band.

73,
Gary KN4AQ

4251. Re: HT Dual-Band Amp vs. Dual-Band Mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: kjsmith@violin.aix.calpoly.edu
Message-ID: <4ji8e1$utb@violin.aix.calpoly.edu>
Source record: 203690
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

After reading late in this thread, I thought I'd jump in with my two cents.

Ham rigs offer something the commercial rigs don't: Easy programming. When I'm traveling, I need to be able to punch in a repeater and use it. I've got an Icom IC-2700H as my current mobile rig, and while I think it's a piece of trash, it is convenient (I'd buy an Alinco if I had it to do over again).

But... I'm also a fan of commercial performance. I've got a couple of Syntor's stashed away that I'm planning to add the "left-coast" control units to eventually. Still, they're pretty big, and won't likely end up in my car. I'll use them as base units.

For mobiling around my county, I'm planning to purchase a couple of Motorola MaxTrac 300's (or GM300's). They're cheap ($500 new, less used), synthesized, scan, have PL, etc. They're also pretty small. Once I get some cash saved and mount these in my truck, the Icom will likely remain off most of the time. I hate it's intermod rejection (I call it my paging receiver....doesn't matter what frequency I'm on, I can hear pagers on most of them).

The MaxTracs are fairly easy to repair, and provide good performance. I don't notice intermod problems with them, and they're simple to operate.

But still...I do need the frequency agility of a ham rig now and again. Since I can't find a reasonable ham rig for performance, I'm stuck using both.

I tend to avoid rock-bound rigs, since I change my mind too frequently to buy crystals. Also, being involved with public safety, I need a few more channels than the averae ham.

I'm not sure this offers much of a solution to most (since it involves high dollars having multiple radios), but it works for me.

--
Kirk J. Smith, KD6RCT, EMT-P | Biological Sciences Dept, Microbiology
kjsmith@oboe.aix.calpoly.edu | California Polytechnic State University
http://www.calpoly.edu/~kjsmith | San Luis Obispo, California, USA

4252. How do you like your YAESU FT-8500?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: kham@halcyon.com
Message-ID: <kham-2903962337450001@blv-pm12-ip15.halcyon.com>
Source record: 203691

I've pretty much decided on this rig. How and why do you like/dislike yours?

73's, Dave

4253. Re: ____, my FM-25 is ____ed! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: nrj@cdx.net
Message-ID: <4jg3eo$c8@news.bellglobal.com>
Source record: 203692
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

robert@kd3bj.ampr.org (Robert E. Garland) wrote:

>rumple@serv01.net (Dan Thomas (Rumple@serv01.net-link.net)) writes:

>>On Tue, 26 Mar 1996 09:18:59 GMT, nrj@cdx.net (Rob M.) wrote:

>>>jgedmond@hic.net (James G. Edmondson) wrote:

>>>>2.) He did not just say he ____ed up his transmitter, he said it over and

>>>>over again. Not only that but he went into excessive detail about things

>>>>that had nothing at all to do with the radio problem to the point of

>>>>distraction.

>>>>.. Did the profane

>>>>post elucidate anything for anybody?

>>I'm quite sure that they aren't doing or for that instance will be

>>doing anything for him or you. Profanity is the way weak minds use to

>>express themselves. Not pointing any fingers but if the shoe fits...

>One of the things I used to like about ham radio was the careful use of

>language that allowed hams to discuss the same things the other radio

>services were discussing, but with a touch of class. The topics were the

>same, the the choice of words permitted discussion on "family" channels

>and in "mixed company" without offending most listeners. Not so for the

>choice of words in the original post, and follow-ups in this thread.

You're just too mind fucked about his girl friends magical

hands, so am I.

And who is helping this poor guy who is too blurred by

orgasims to fix anything!

4254. Motorola VHF Equipment Questions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: nadzam@garlic.com
Message-ID: <4jgp7a$gh4_001@nadzam.garlic.com>
Source record: 203693
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.swap

I have a friend that has come into some real nice Motorola
VHF equipment. She would like to know what this equipment is
worth, as she intends to sell it all.

1st. She has 6 Motorola VHF Power Amplifiers.
These are BRAND NEW in the ORIGINAL boxes. They
were obtained during the closure of an Airforce base.
They come with a Long Power Cable, and a Long coax cable.
These are all packaged as to be installed in a mobile unit
of some type. They have a TO-220 transistor driving
an RF-Power Transistor that has House markings.

Motorola #N1274A, Frequency 136-150.7 Mhz
Kit No. NLD7701A

The Amplifier is all brushed Aluminum.
2.5"H x 4.75"D x 6" W

What are these worth?
==========

Next She has Qty 3, P100 T-Band hand helds. 470-495 Mhz.

Last 1 HT90, also T-Band. Some have holsters, and all
have batteries.

What are these units worth?

==========

Name: Bill.Nadzam "K8WN"
E-mail: "Bill Nadzam" <nadzam@garlic.com>

4255. Wanted Traegar SSB5 service manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: David Moss <moss@sna.dec.com>
Message-ID: <315B0977.1CFB@sna.dec.com>
Source record: 203727
Cross-posted to:
rec.radio.amateur.equipment,rec.radio.amateur.misc,aus.electronics,aus.radio.amateur.misc,sci.electronics.repair

Hello,

I'm looking for a circuit schematic or service manual for
a Traegar SSB5 'portable' HF SSB transceiver. This is a
product of the early 70's (based on the date codes of the
chips in it)

If anyone has any suggestions, please also copy me
on moss@sna.mts.dec.com, because I seem to lose frequent
news messages.

thanks

4256. Again: FT-5200

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: Judhi Prasetyo <prasetyo@iii.net>
Message-ID: <315C056C.54A@iii.net>
Source record: 203728
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Please help me to fix this problem :

I try to open out-of-band receive for my FT-5200
by keep pressing "D/MR", "F/W" and "REV" button while
power switch on. But then my rig locked !

I can't turn this stuff off by pressing power button.
All front panel buttons also dont work.
I already try to press RESET button but also don't fix the problem.

I need the rig working, so please... please... somebody help me...

Thank you so much...

-jps

4257. WTB: kenwood dsp-100

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: carlosr@csulb.edu
Message-ID: <4jfdrp$mtv@hatathli.csulb.edu>
Source record: 203729

I am looking for this unit for my TS-450. State price and condition, only reasonable offers would be answered.
73's
Carlos

4258. FS: TM455A UHF ALL MODE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: doogie <doogie@pop.fast.net>
Message-ID: <4jfd54$lfc@nn.fast.net>
Source record: 203730

FOR SALE 1-TM-455A UHF 430-440MHZ ALL MODE TXCVR
35 WATTS
PL ENCODER
RPTR OFFSET
HAS DETACHABLE HEAD
TWO VFO KNOBS ONE SMOOTH THE REMOTE HAS INDENTS
PL ENCODER
UNIT IS MINT USED IT ONE MONTH BEFORE I MOVED TO NO MANS LAND IN NE PA
HAVE EVERY BIT OF PACKAGING AND EVEN HAVE THE CABLE FROM MODULAR PLUG
TO 8 PIN
MJ-88 ADAPTER ABSOLUTLY MINT RADIO MANUAL ALSO
OH YEAH IT IS A MOBILE UNIT
MATCHES THE TM-255A
USES ALL ACCES FROM PRESENT KENWOOD LINE
DOUG N2PLR
doogie@fast.net
1-610-588-4545

4259. Re: Yaesu HT Nicad dissasembly

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: acsrds%/etc/HOSTNAME
Message-ID: <4jfij1$fp9@mark.ucdavis.edu>
Source record: 203731

Having recently done this same thing (disassembled a FT530 pack), here are some pointers:

1) remove the little label on top. There is a snap tab underneath. The case opens as a clamshell from the top. Do not try to pry it open from the bottom.

2) I didn't have any problems getting the seams apart - the primary method of keeping the pack shut is glue applied to the ends of the nicad cells inside. Basically, all that is required is enough carefully applied force.

3) I tried the "freeze it overnight" method to make the glue more brittle - it didn't seem to help much if at all, but it is worth trying.

Robert Schulz KC6UDS
rdschulz@ucdavis.edu

4260. Alinco DR-150T or Ramsey Kit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: redbone@juno.COM
Message-ID: <19960328.230656.9159.0.redbone@juno.com>
Source record: 203732

I want to thank everyone for their help & advice. I found an Alinco DR-150T in excellent condition for $175.00. I don't have an antenna yet but I hooked it up to my Antron99 and it receives fine. I was too chicken to try and transmit with the 10 & 11 meter antenna. ;-)

Again Thanks,

Doug
KC8CGX

4261. Re: Yaesu HT Nicad dissasembly

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: Gary - KJ6Q <tech@thereporter.com>
Message-ID: <4jfpdt$sm0@miwok.nbn.com>
Source record: 203733

FORGET IT - I tried getting one of mine apart, and had to totally destroy
it to even see how it was made. It's more than I could do!

--
Gary... KJ6Q... I am the NRA | Annoy a Liberal - say NO to gun control!
============================ | Annoy a Democrat - say BYE BYE CLINTON!
Those who choose to "beat |==================================
their swords into plowshares"| "It's *EASY* to be a liberal, it's
may end up *PLOWING* for | OTHER people's money you are giving
those who DON'T! | away! (or living off of!)

4262. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: Gary - KJ6Q <tech@thereporter.com>
Message-ID: <4jfpu7$sm0@miwok.nbn.com>
Source record: 203734

herb@alpha1.csd.uwm.edu (Nathan Ryan Gingras) wrote:

>Nate.
>
>
>Oh, yeah, you HF'ers are all going to look up my callsign, and to save
>you the trouble, it's KB9LSX, and I am NO-CODE. But believe me, I've
>worked my share of HF, and thus I have not upgraded.
>
>
I, for one, want to emphatically *THANK* you for your decision to avoid HF, and even more so for taking those like you with you. The few sour apples like you we have already are QUITE enough, thank you.

Just don't leave thinking you will be missed....and please close the door behind you.

--
Gary... KJ6Q... I am the NRA | Annoy a Liberal - say NO to gun control!
============================ | Annoy a Democrat - say BYE BYE CLINTON!
Those who choose to "beat |==================================
their swords into plowshares"| "It's *EASY* to be a liberal, it's
may end up *PLOWING* for | OTHER people's money you are giving
those who DON'T! | away! (or living off of!)

4263. Mod for Yaesu FT-757GX?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: joncl@ibm.net
Message-ID: <4jfpso$vnq@news-s01.ny.us.ibm.net>
Source record: 203735

Anyone know of a mod or fix for a Yaesu FT-757GX, to allow
a more narrow bandwidth in am mode? In ssb you have an adjustable
bandwidth but that function is bypassed in am. Any info appreciated.

Thanks

Jon C. N7WZG

4264. Re: BK battery power

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4jfp6u$152s@news.ccit.arizona.edu>
Source record: 203736

las5s@kelvin.seas.Virginia.EDU (Lauren Schiff) writes:
>Hello...
>I am researching purchasing several Bendix King EPH handhelds
>for a search and rescue organization. It has been reccommended
>to me that we skip the NiCads and rechargers in order to
>purchase more radios and simply run off of AA batts from a
>price club... sounds good so far especially considering the
>type of use these radios see (usually training once a week with
>sporadic missions).
>However, the salesperson I was talking to mentioned that when
>you run off of AA batts as opposed to Nicads, you only get 1
>Watt (pr 2 Watts) of power outage as opposed to 5W.
>Is this true? If anyone is knowledgable about this subject, it
>would be great to hear a confirmation or denial on the
>subject. Please e-mail me at lauren@virginia.edu I appreciate
>any help.
>Sincerely,
>Lauren Schiff
>KB8WLD

This I find most peculiar. The AA packs hold 9 cells for 13.5VDC. Sounds like the salesperson is incorrect. My suggestion would be to call Bendix/King directly for confirmation of this strange statement. It should of course be noted, that alkaline batteries have a voltage drop more pronounced than do NiCads. Their current capacity is much greater of course, but you lose voltage, and therefore wattage, sooner with alkalines than with NiCads. I still prefer alkaline batteries for their greater current capacity, but use nicads for their lower cost.

Here's direct contact info on BK that may be of service:

Bendix/King Mobile Communications
2901 Lakeview Rd., Ste. 100, Lawrence, Kansas 66049
800-523-5955

From the 8/94 catalog:
EPH5101A, 14ch, numeric keypad, Lexan case, 5w, $745 w/o battery.

Buy batteries from EH Yost/Periphex or other aftermarket maker and you'll save a good $20 each, in some cases perhaps more.

Buy the LAA-0139 Replaceable Battery Holder. it's ORANGE (very SAR correct) and $2 less than the standard grey ($22 vs $24).

Chris - N7RME

4265. Re: Motorola HT1000 "Service Software"

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: morris@grian.cps.altadena.ca.us
Message-ID: <1996Mar29.053926.28473@grian.cps.altadena.ca.us>
Source record: 203737

jmk3rd1@ix.netcom.com (J.M. Kehoe III) writes:

>Hi,
> I am in need of the "Service Software" and the appropriate cable that
>will allow me to attach my HT1000 to my computer to change some
>settings. thanks in advance for any help! Jimmy

This is a dealer item, and Moto is VERY nasty about bootleg copies
floating around. Good Luck.
--
Mike Morris morris@grian.cps.altadena.ca.us
#include <disclaimer.std.h> I have others, but this works the best.
This message assembled from 100% recycled electrons (and pixels).
Looking for CDA-banned material? Try the bible: Genesis 19:30-38

4266. Re: FT-51R HACKING PROJECT UPDATE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: source@netcom.com
Message-ID: <sourceDp09xu.1vL@netcom.com>
Source record: 203738

In article <1996Mar28.132145.493@nad.com>,
Joe Landis - Systems & Network Mgr <landisj@nad.com> wrote:
>
>Why should EZclone, RT, Yaesu or anyone else divulge trade secrets to you?

Because it will have a influence on which brand of radio I
will choose to buy in the future. Especially as it affects
availibility of third party software etc.

4267. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: jlundgre@delta1.deltanet.com
Message-ID: <4jg19t$igi@news02.deltanet.com>
Source record: 203739
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

Ron (roncain@ix.netcom.com) penned:
: > --
: > Gary... KJ6Q... I am the NRA | Annoy a Liberal - say NO to gun control!
: > ============================ | Annoy a Democrat - say BYE BYE CLINTON!
: > Those who choose to "beat |==================================
: > their swords into plowshares"| "It's *EASY* to be a liberal, it's
: > may end up *PLOWING* for | OTHER people's money you are giving
: > those who DON'T! | away! (or living off of!)

: Hey Gary, loved your taglines! Especially the one above about the plow-
: shares:) I realize this is a bit off-topic, considering the newsgroup,
: but do you listen to Rush?
: Cheers, Ron Cain

Cute, yeah, but not funny. Maybe a sad commentary on the state of the
world today.
--

4268. Re: Kenwood TM-733A CrossBand Repeat

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: Joe Fitter BV/N0IAT <joentam@transend.com.tw>
Message-ID: <315C6BE1.564F@transend.com.tw>
Source record: 203740

Bruce C. Raisley A.R.S. N9ZLE wrote:
>
> I have the Kenwood TM733A, The radio works fine for all I need.
>
> But I have thought about putting up a reapeater. By using TWO TM733s
> I can configure a repeater for both the 440 band and 2 meters by using
> the rigs in cunjunction with each other.Both haveing a remote/recieve
> site. this will give a user on either band access to both. Enough said.
>
> My problem is putting together an identifier for the system, I can
> create the identifier, BUT the 733A will not allow itself to be keyed
> when in crossband repeate mode, by mike or data conector.
>
> Q. Is there any way of defeating this problem?

For what it's worth, the FCC in the USA specifically identifies
such cross-band links as being legal only on frequencies above 222 Mhz.

This means that it is technically illegal to have a "440 repeater" that
is being linked via a 2 meter frequency. Be warned, as I've heard
actions being handed out for these kinds of violations.

Now, when I had a TM-721A, I just tied an ider to the "mic"
connector on the front of the rig. When the rig was in crossband
repeat mode, the mic line was "hot". I just had the ID'er set up
to ID every 2 minutes and set the level to be audible but not
obnoxously loud. I didnt even have a COR to key the rig. If the
rig was keyed during one of the 2 minute identification periods, the ID
would go out over the air. I could usually get at least 2 or 3 id's
per 10 minute period, which was well within the bounds of the law (1 id
per 10 minutes).

Hope this helps....Joe

Amateur Radio: BV/N0IAT Taipei TAIWAN Republic of China

ex. 7J1AOF (Japan) YU3/N0IAT (Slovenia) KA0ZDH (Novice)
Licensed Radio Amateur since 1986. Comments are mine only.

4269. Re: AEA's Doctor DX Cartridge: Anyway to run on a PC?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: rpeebles@ix.netcom.com
Message-ID: <4jfhgi$j4l@reader2.ix.netcom.com>
Source record: 203741

In <1996Mar28.185143.16376@schbbs.mot.com> becker@areaplg2.corp.mot.com (John Becker) writes:

>
>I have pretty much retired all my C-64 stuff, but I used to really
>enjoy using the Doctor DX cartridge. I'm wondering if there is anyway
>to run this on a PC?
>

There is a free program on the sharware CD ROMs that is better than Doctor DX, especially if you have a sound card. It is called PED and it does a pretty impressive job of simulating pileups. I know the program is on the QRZ disc, and might even be in the archive on their web page (http://www.qrz.com).

--
Rob Peebles, WD8LXX
Dublin, Ohio

4270. Re: Q: Commercial gear on 6 meters & WTB: cavity/duplexer

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: "Alan Johnson"
Message-ID: <4jfmku$lta@Twain.MO.NET>
Source record: 203742

I have converted a GE Master II to 6 meter service. It is very easy to convert and they are great rigs. BTW listen for my 6 meter repeater on 53.35 (-1.7). It is located 20 miles north of St. Louis and has only been on the air for a week. I am using a split site with a UHF link.

73
DE K9CTF

Alan

53.35
443.35

4271. Re: ____, __ __-__ __ _____! ____ __ __?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1Dp0Dyq.I62@netcom.com>
Source record: 203743

In article <4je6v1$822@newsbf02.news.aol.com>, Mparkes <mparkes@aol.com> wrote:
>Sorry, couldn't resist the temptation to join the fray!
>73's Mike KS4DA

*, M M - M M *! * M M?

.-- .... .- - -.. --- . ... - .... -- . .- -. ..--..

4272. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: herb@alpha1.csd.uwm.edu
Message-ID: <4jg891$n3l@uwm.edu>
Source record: 203744

Jim Fellows (jimf@zoinks.corp.sgi.com) wrote:
:
: Even as I thought the original post was poorly thought out, I felt this response
: was even more disturbing.
:
: So here is my counter response.
:
:
:
: |> Personally, I find pleasure working DX and working
: |> contests.. I have accomplished many awards for my working stations on HF.
: |> ie: DXCC / WAS / WAZ and more.
:
: Translation:
:
: I'm a big bad-assed operator that has vast experience, so don't mess with me
: sonny-boy.
:
:
: |> When, I get on HF I have normal
: |> communications with fellow hams and also have my short exchanges too. I
: |> know people personally who hate HF only cause they are to lazy to upgrade
: |> to have the HF privilege added to their license. So, you have a right to
: |> hate HF but,
:
: Translation:
:
: I have just called you lazy in a not-so-thinly veiled manner. Since I can only
: conceive that the only reason that someone wouldn't like to do CW is that they
: are beneath me and therefore lazy. I can't just get it that someone may have
: looked at the situation and made an intelligent observation that is contrary to
: mine.
:
:
:
:
: Have fun taunting and ridiculing... Everyone BEWARE of people like this!!
:
: Jim
: KF6AGJ

Jim,

I deleted a few things to save room, but I just wanted to say thanks for translating
HAM => English. I also thought that the first response to my original post only

proved my theory that when one can't construct an intelligent argument, one will simply bash ideas that conflict with his/her own. The use of cheap insults, and attempts to establish superiority only show the author's inability to deal with any flaws that exist in his hobby.

Ham radio still is a hobby, right? It's not ALL politics?

Nate.

This kind of world don't care if you're home,
So you'd better get some!

-311

4273. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: herb@alpha1.csd.uwm.edu
Message-ID: <4jg8hd$n3l@uwm.edu>
Source record: 203745

Gary - KJ6Q (tech@thereporter.com) wrote:
: herb@alpha1.csd.uwm.edu (Nathan Ryan Gingras) wrote:
:
: >Nate.
: >
: >
: >Oh, yeah, you HF'ers are all going to look up my callsign, and to save
: >you the trouble, it's KB9LSX, and I am NO-CODE. But believe me, I've
: >worked my share of HF, and thus I have not upgraded.
: >
: >
: *I*, for one, want to emphatically *THANK* you for your decision to avoid
: HF, and even more so for taking those like you with you. The few sour
: apples like you we have already are QUITE enough, thank you.
:
: Just don't leave thinking you will be missed....and please close the door
: behind you. ^^^^^^^^^^^^^^
^^^^^^^^^^

You can't close what's never been opened! I think the door, in this
post is a metaphor for the mind of the person who wrote it! You wan't
all of us No-Code losers to stay away from your precious spectrum, so
that we will not polute it with free thinking!

Good Tactic.

Nate.

4274. MaxTrac pinout

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: kjsmith@violin.aix.calpoly.edu
Message-ID: <4jg8ah$27vq@violin.aix.calpoly.edu>
Source record: 203746

I'm looking for the pinout of the 5 pin accessory connector on a Motorola MaxTrac mobile radio. I'm hoping there's a microphone connector in there. Can someone provide the info?

--
Kirk J. Smith, KD6RCT, EMT-P | Biological Sciences Dept, Microbiology
kjsmith@oboe.aix.calpoly.edu | California Polytechnic State University
http://www.calpoly.edu/~kjsmith | San Luis Obispo, California, USA

4275. FS:Motorola Voice recognition phone

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: kovar@zeus.ia.net
Message-ID: <4jg514$1mi@hera.ia.net>
Source record: 203747

I would like to sell my Motorola cellular phone system.
It has Voice recognition for dialing phone numbers from
handsfree microphone. " CALL HOME" ect. Ultimate in lazyness!
A talking response from the phone confirms action to
the phone is doing at the time.
Three watt mobile or transportable setup.
Comes with Motorola VCR training tape.
This phone has no problems and is in excellent condition.
Printout of passing all test on cell system tester included.
Best fair offer or trade for Ham Equipment.

Thanks,
Jack kovar
ke0ax@ia.net

4276. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: Perreau2 <Perreau2@pilot.msu.edu>
Message-ID: <4jgkgd$pqt@msunews.cl.msu.edu>
Source record: 203748
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

With that kind of talk.. go back to the CB band.

4277. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: Perreau2 <Perreau2@pilot.msu.edu>
Message-ID: <4jgkhh$pqt@msunews.cl.msu.edu>
Source record: 203749
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

With that kind of talk.. go back to the CB
band.jlundgre@delta1.deltanet.com (John Lundgren) wrote:
>Ron (roncain@ix.netcom.com) penned:
>: > --
>: > Gary... KJ6Q... I am the NRA | Annoy a Liberal - say NO to gun control!
>: > ============================ | Annoy a Democrat - say BYE BYE CLINTON!
>: > Those who choose to "beat |==================================
>: > their swords into plowshares"| "It's *EASY* to be a liberal, it's
>: > may end up *PLOWING* for | OTHER people's money you are giving
>: > those who DON'T! | away! (or living off of!)
>
>: Hey Gary, loved your taglines! Especially the one above about the plow-
>: shares:) I realize this is a bit off-topic, considering the newsgroup,
>: but do you listen to Rush?
>: Cheers, Ron Cain
>
>Cute, yeah, but not funny. Maybe a sad commentary on the state of the
>world today.
>--

4278. Re: Again: FT-5200

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: Judhi Prasetyo <prasetyo@iii.net>
Message-ID: <315CB931.164A@iii.net>
Source record: 203750
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I wrote:
> Please help me to fix this problem :
>
> I try to open out-of-band receive for my FT-5200
> by keep pressing "D/MR", "F/W" and "REV" button while
> power switch on. But then my rig locked !
>
> I can't turn this stuff off by pressing power button.
> All front panel buttons also dont work.
> I already try to press RESET button but also don't fix the problem.

Now I find the problem is not because of expanded receive freq.
But maybe something else. The new problem is :

When I connect a speaker (internal or external) then the rig seems 'hang'.
Dial knob still work but no button does including mic up/down button.
The rig works properly if I remove any speaker from the unit. :-(
I also try using earpiece with high impedance coil, but also can't help.

Is this called 'electro-static' problem ?
Anyone has idea for this ? I cannot fix it yet....

Thank you...

-jps

4279. PK232MBX FOR SALE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: n9mxt1@aol.com
Message-ID: <4jgqnf$3tv@newsbf02.news.aol.com>
Source record: 203751

I am selling a PK-232MBX in great conditon! This TNC has Packet, Morse Code, Baudot, ASCII RTTY, WEFAX, NAVTEX, and AMTOR/SITOR will do PACTOR with upgrade. Also, has 2 ports can handle HF/VHF. 18k Mailbox inside and plenty more....

Have manuals, cables from TNC to computer, cables made up for Kenwood TS450 if you have this also have premade cable for Kenwood HT. If you have another radio I have plan cable for you to make your own cable for your exact radio. Might even have the box... will have to check though!

If interested I am selling it for $200 + shipping.

Email me at N9MXT1@AOL.COM
For more info call me at (847)824-2112 Home
(847)824-2235 Fax number

Thanks for your time and hope to hear from you
soon!
Jeffrey - N9MXT1

4280. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: a313@Lehigh.EDU
Message-ID: <4jgol6$2mkq@ns2-1.CC.Lehigh.EDU>
Source record: 203752

In article <4jelum$6ls@uwm.edu>, herb@alpha1.csd.uwm.edu (Nathan Ryan Gingras) w
rites:
>Hey, all those no-code HAMS who complain about not getting on HF are not
>missing anything! Why would anyone want to be on HF? The conversations
>are always empty & meaningless, containing only the following standard info:
>
>1) The Weather
>2) Type of Radio
>3) Signal strength
>
>The only in depth conversations I have ever had on HF were with people
>within 20 miles. You could use 2 meter, or 440 for that, and spend less
>on gear! What is the point of yelling CQ CQ CQ (or ponding CQ CQ CQ) just
>to get a stupid qsl card?
>As far as the three items listed above,
>
>#1, weather = You can watch TV for that.
>
>#2, radio gear = Who cares?
>
>#3, Signal Strength = Who Cares?
>
>
>The only good HF is QRP, because at least you are accomplishing something
>somewhat outstanding. Buying a $2000 rig accomplishes nothing, but
>wasting money. Anyone can work across the contry on a big 100w rig with a
>huge antenna.

What's the point of running QRP if the QSO's are mindless boring crap???
Somewhere I am missing a point ????

Dick K8WHA

>
>HF offers little enjoyment to people who are more than 'postcard
>chasers'. Even CB'ers, whom HF'ers seem to think are inferior, carry on
>more interesting conversations.
>
>
>Nate's suggestion for improving HF:
>
>
>1) Instead of code, require a test in socialization & conversational skills.
>
>2) Allow no more than 50w 40m and below.

>
>3) Make it illegal to talk about root canals (noone cares!)
>
>4) Require a physical & hygene exam! (I get sick every time I go to a
> HamFest!)
>
>
>Just my thoughts. No-coders, you really aren't missing much, so if you
>can't learn code for whatever reason, don't sweat it! You can get better
>looking postcards at the corner drugstore, and you can have better
>conversations with local trees, and other vegitation.
>
>
>Nate.
>
>
>Oh, yeah, you HF'ers are all going to look up my callsign, and to save
>you the trouble, it's KB9LSX, and I am NO-CODE. But believe me, I've
>worked my share of HF, and thus I have not upgraded.
>
>
>
>

4281. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: dgra@qmgate.ECi-esyst.COM
Message-ID: <n1384030077.69795@qmgate.eci-esyst.com>
Source record: 203753

Nathan,

I figured you must be a NO-CODE LID! Only your mentality
would bash the HF spectrum. Stay on 2 meters or better yet,
channel 19, where you belong. I'll bet you use the words
"break", "destinated", "come on back" and every Q-signal in the
list on the local 2-meter repeater, even though Q-signals are
CW (morse code!) abbreviations. And before you start bashing
code as an useless out-of-date mode of communication, I have had
many wonderful conversations with stations everywhere using code,
while driving down the interstate.

So, if you don't like HF, then STAY THE HELL OUT so that we who
enjoy all aspects of amateur radio, especially HF can enjoy it.

I'll bet you give your callsign and add "for ID".

73 to everyone else
Dana, AJ1R

4282. Re: Yaesu HT Nicad dissasembly

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: dhnishik@wheel.ucdavis.edu
Message-ID: <4jgufl$jsr@mark.ucdavis.edu>
Source record: 203754

I've done 2-3 of the 530 packs and I've had good luck by spreadin the top
of the pack using a spreading tool against the mounting rails. Gentle
pressure should eventually force the two halves apart.

Steve Mason (smason@agt.net) wrote:
: Hi all.
: I have a bad Nicad pack from an FT-530. If I remember correctly, tha last
: time I tried to dissassemble a Yaesu pack from a 470, it was extremely
: difficult.
: Does anyone have any tips?
: I was thinking of using a heat gun to soften the glue...

: Thanks,

: Steve

--
Dave Nishikawa KC6YFG
dhnishik@wheel.dcn.davis.ca.us
CIS: 72465,641

4283. Re: HT Dual-Band Amp vs. Dual-Band Mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar29.153931.10957@ke4zv.atl.ga.us>
Source record: 203755
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <4j4gvp$783@ccnet2.ccnet.com> "C. Wheeler" <cwheeler@ccnet.com> writes:
>To: gary@ke4zv.atl.ga.us
>gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>>In article <lui-2103962251280001@192.0.2.1> lui@netcom.com (Stephen Lui) writes:
>[snip]
>>>I like all of the features of my HT and I probably have to buy something
>>>like a Yaesu FT-8500 ($680) to get comparable features (alphanumerics are
>>>high on my priority list). I like the ICOM IC-2000H ($300), but it is only
>>>a 2M radio.
>>
>>Ouch. Yes, if bells and whistles are more important than solid
>>communications capabilities, you're going to have to spend a ton
>>on a mobile rig. But if you're more interested in good communications
>>performance, there are alternatives which will work much better than
>>a HT and an amp, while not costing more than the combination of a
>>HT and an amp. The Yaesu FT-8500 is actually a pretty good ham rig,
>>despite the bells and whistles, but a Motorola Mitrek would be better,
>>and cost less than $100 (or a MIcor for $50, or a GE Mastr II for $75).
>>With the change, you could also buy a scanner if you just have to have
>>that capability.
>
>C'mon Gary! The suggestions you have given here are 180 degrees from what
>Stephen is looking for. You think you're helping?

Perhaps, if they make him think about what he really needs.

>Sure you can buy a Micor for $50. But then you are limited to the
>channels you have put in it. And elements will most likely cost you at
>least $50 a set. And since I have never seen any of those radios with
>"dual band" features, he's gonna need two (no room left in the trunk for
>luggage).

I suspect most hams only use a few channels, and the extra channel
capacity of most ham rigs is wasted. One would hope that he would
buy a bag of channel elements from the same source as the radio,
I usually pay a quarter a piece for them. Crystals will cost $10
of course, but that's not bad when you don't need many. The radios
are larger than most amateur radios, but the control heads are
small. You can usually find a place to mount them in the trunk that's
otherwise wasted space, so I don't think that they have to take up
important room.

>I agree that alphanumeric displays and other bells and whistles are luxury
>items that should come second to performance - and even then, I question

>some of their real value. But I think that "solid communications" can be
>had for $400 in an amateur rig. You also get versatility that you don't
>get from a commercial rig. But then for $200, this guy might get what he
>wants with an amp - and depending on how he installs, it could be clean,
>neat and easy to use.

Well, yes, he could spend $400 for a used amateur dualbander, but
he'd only spend $260 for two Micors and crystals. He'd then have
two solid 80 watt radios that would serve him well for years, and
wouldn't have the IMD problems of amateur gear. I don't think an
amplified HT can compare to that. Note too that if he buys a
Syntor, there are some fellows on the left coast selling a control
head for them that gives them memories, scanning, etc, just like
the amateur rigs, but with commercial performance.

>IMO - About the only thing you gain by going to a Micor/Mitrek/Mastr type
>of radio is ruggedness. But most hams treat their radios with more care
>than the average refinery/pipeline/contruction worker, so I would go with
>frequency agility, power control, ect. My only use for commercial gear in
>ham radio is fixed stuff - repeaters, etc. - they're good for that.

The commercial gear is rugged, easy to repair, has good power, usually
excellent thermal design, and is almost IMD free (which isn't true of
very many amateur rigs), but best of all it is *cheap*. You can easily
fix it yourself if need be, but it is cheap enough that you can just
pitch it and get another if it breaks. No need to worry about warrantees,
or hassle with sending this stuff to the factory for service (not that
it is likely to need it).

The low cost (and the dents and scratches) also tend to make you more
willing to heat up the soldering gun and add modifications, something
many won't do to their shiny new Japanese rigs. There's plenty of space
inside to tuck away your ideas too. These commercial rigs are the perfect
foundation for experimenters. For example, you could fit a DDS board into
a Mastr II and have a radio just as computer agile as any Japanese box,
but with much better basic RF performance.

Perhaps this isn't the way he wants to go, but it is a good way to go,
and one more hams should consider seriously. I think too many are snared
by the slick advertising, and the unnecessary bells and whistles, and
don't really think about what they actually need in a communications
radio. So they wind up paying more than they should for a radio that
does less than they need while being layered with features that they'll
never use.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4284. re: Palomar amp question?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4jh0rd$5gd@newsbf02.news.aol.com>
Source record: 203756

In article <4je6rg$ib4$1@mhadg.production.compuserve.com>, George Harris
<103021.3555@CompuServe.COM> writes:
>Tom,
>Thanks for your response but I believe you are incorrect. The amp
>has a Band Switch that goes from 10m to 80m and I've checked the
>output into a dummy load with my scope. The output frequency
>checks out properly although I haven't checked the signal with a
>spectrum analyser so I don't know how clean it is yet.
>Have a good day sir.
>
>73's

Hi George,

The problem isn't the lack of a band switch, the problem is in the amps (lack of) biasing and the basic circuit design. IMD problems will not show up on a scope, and show up only on a spectrum analyzer if the amplifier is operated with a two carrier test.

Most Palomars wouldn't operate outside the upper end of the HF spectrum. They only worked near the CB band (because the RF chokes were too small).

All of the Palomars I'm aware of won't be clean for SSB or AM linear operation. Palomar intentionally used a bias circuit (in some amps) that promoted positive carrier shift (forward modulation in CB talk).

Even if the model you have has the grids all grounded, two sweep tubes driving four is real nasty for IMD (unless the model you have happens to have all six tubes in parallel, then it's just dirty)!

I know it may not be what you want to hear, but the truth is amp you have was designed to be a CB amp. The bandswitch was a "clever" way to get around FCC rules. Palomar sold those models right before the "final FCC bust" that put them out of the illegal CB amp business permanently. They were never marketed to Hams, just CB'ers.

73, Tom

4285. Re: Want info: Cubic Corp 1201 HF Tcvr

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4jh38h$dof@crash.microserve.net>
Source record: 203757
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

david@comms.ee.man.ac.uk (David Tait) wrote:

>Several years ago now I bought (cheaply) a HF transceiver which
>was badged "AEL 1201". The company AEL claimed to have no knowledge
>of such a radio. Recently I learned that the 1201 was actually
>only distributed by AEL and then only for a short period. It seems
>the radio was built by Cubic Corporation (I think). I would be
>very grateful if anyone could supply me with contact details for
>Cubic, or better still, let me know where I can get information
>(just the schematic would be great) on this radio. It has a
>TTL based synth giving 12 channels and I would like enough info
>to be able to homebrew a replacement synth/VFO.

In case you don't find a schematic, service literature for equipment
manufactured by Cubic Communications is available from:

Brock Publications
P.O. Box 5004
Oceanside, CA 92052
(619) 757-0372

73,
Jack WB3U

4286. Yaesu 767GX 6 meter module wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: dwc@crl.com
Message-ID: <4jh37g$el8@nntp.crl.com>
Source record: 203758

I have a friend who is looking for the 6 meter module (FEX-767-6) for his rig. He does not have Internet access, but you may reach him by phone:

Fred K5KNL
(713) 585-2809

or reply by e-mail to me:
dwc@crl.com

4287. Re: NMO GPS Antenna?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: Edward Lawrence <eal>
Message-ID: <4jh4gd$7mr@fcnews.fc.hp.com>
Source record: 203759

I have used a simple 1/4 wave whip with good results. It is NOT as good as the quad-filar (sp?) antenna that is supplied with the unit (GARMIN) but does work. I used it only as a test to see if the GARMIN antenna was defective.

(It was, but I had accidentally subjected it to an excessive G load. My fault.)

The signal strengths were weaker on the bar graph, but were still usable. As I remember it, the vertical was about 1 7/8 in. long.

All you purists can hit the "CANCEL" button on your learned flames. I tried it.
It worked. It is not a better antenna than a patch antenna. It is easy to make.

I also want a good active patch antenna for my GARMIN GPS 90. Where can I get one?

4288. WTB: Yaesu FL2100B Amplifier

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: Jared Cassidy <jcassidy@svetlana.com>
Message-ID: <315C17A1.5CE@svetlana.com>
Source record: 203760

Looking for a Yaesu FL2100B amplifier in good condition.

Please E-mail price and condition to Bob Alper at 103243.242@compuserve.com

or call 1-800-578-3852

Thanks!

73,

Jared Cassidy, KQ4VT
E-mail: jcassidy@svetlana.com

4289. WTB: ITT Radio Engineers Handbook

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-29 00:00:00 UTC
From: Jared Cassidy <jcassidy@svetlana.com>
Message-ID: <315C1820.26CF@svetlana.com>
Source record: 203761

Looking for an ITT Radio Engineers Handbook.

Pleae E-mail price and condition to Bob Alper at 103243.243@compuserve.com

or call 1-800-578-3852.

Thanks!

73,

Jared Cassidy, KQ4VT
E-mail: jcassidy@svetlana.com

4290. Re: Need information about the SIEMENS receiv

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: radiomatt@aol.com
Message-ID: <4jjc86$i9@newsbf02.news.aol.com>
Source record: 203612

I have a 445e311 which I like very much; however I do not have instruction
book.
Can you suggest a source?
Thank you

4291. Re: Cheated by MARTIN DURHAM WT1S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: radiomatt@aol.com
Message-ID: <4jjccr$jh@newsbf02.news.aol.com>
Source record: 203613
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

Barry is not disabled.
Durham is!
Barry seems to live a decent life.

4292. Problem with HeathKit SB-200

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: mchasse@primenet.com
Message-ID: <4jjdup$2de@nnrp1.news.primenet.com>
Source record: 203614

I have a SB-200 that has a high voltage problem. The meter report a high voltage of only 1700vdc and not the required 2400vdc for normal operation. Has any one encountered this problem. Any help would be great, as I don't want to rebuild the entire power supply to
find the problem.

Thanks and 73's

Mike

4293. Re: RS 2M Amp, Experiences?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: ssauer40@ix.netcom.com
Message-ID: <4jim6f$pev@cloner3.netcom.com>
Source record: 203615

In <4iua8e$gje@elmgate.raster.Kodak.Com> rkm@scanproj.raster.kodak.com
(Rich Mulvey) writes:
>
>>Stephen Lui wrote:
>>>
>>> Does anyone have any experience with the RS 2M amplifier? I want to
use it
>>> with my Icom IZ-Z1A handheld. How does it compare with the other
>$100
>>> amps like the Mirage and Daiwa? The RS 2M amp is on sale for $99
until
>
>
> I have one, and, while it works well, I'm starting to wish that I
had
>purchased a class A/B amp so I could use it with something other than
>FM...
>
>- Rich
>
>

Have a freind who uses one with an HTX 202 and he likes it alot

Rick KC7AXU

4294. Re: What HF rig should a newbie buy ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: ssauer40@ix.netcom.com
Message-ID: <4jimlg$n5g@reader2.ix.netcom.com>
Source record: 203616

In <4iupai$fir@maxwell9.ee> jmtallon@mtu.edu (Jonathan M. Tallon)
writes:
>
>
>Well, I've aquired my tech-plus license, and now I'm pinching my
>pennies to get a hf rig, & a 2m ht. I've got all the catalogs, but
>sorting out the features & jumping back and forth between
>descriptions and price lists makes it nearly impossible to compare
>models -- which brings me to my question - what hf rig (new or used)
>will get the job done, cheaply. Actually, I'd prefer to buy a used
>rig - it seems like new ones start over $1200, which is waaaaay too
>much for my budget. Any advice would be GREATLY appreaciated. Also,
>which 2m ht is the best for a newcomer ?
>
>I know the questions are vague, hopefully you can see where I'm
>getting at with all of this though. Again, thanks in advance.
>
> --
> "Aerodynamics are for people who can't build engines"
> -Enzo Ferrari-
>
> Jonathan M. Tallon jmtallon@mtu.edu M.T.U.
> KC8CVN - Amateur radio

For starters, the RS HTX-202 has to be a premium deal for the radio you
get, usually around 189.00-209.00
HF rig? how about the new Icom 160m-10m + 6m&2m
or the Alinco DR70 10-160 meter + 6meter band. 100 watts
Both are about 1200.00
Or do what I did a find a silent key garage sale, picked up a Yaseau
FT 902 DM 100 watts... 10-160 all modes for 200.00 with all manuals and
some accessories..... good luck Rick KC7AXU

4295. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: BSDS13A@prodigy.com
Message-ID: <4jjg9u$r46@usenetp1.news.prodigy.com>
Source record: 203617

You might try by cleaning up your mouth, or get out of ham radio-maybe
both

4296. Re: FT-51r Reviews

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: wd6dih@ix.netcom.com
Message-ID: <4jindj$nlq@reader2.ix.netcom.com>
Source record: 203618

To ERASE A FT-51R MEMORY...

1. In the MR mode, Select the memory you would like to erase...

2. Press the F button for 1 second, then press the MR key.

3. The memory is now erased ! It's that simple and it's not in the
manual...

73's

Kevin

In <4ji4j3$n1n@nnrp1.news.primenet.com> wsoon@primenet.com (Bill Soon)
writes:
>
>Please define "unable to erase a memory once programmed" -- does this
>mean that that memory position is also unchangeable????
>
>-- Bill --- KF6ZO
>
>jcupples@iphase.com (Jerry Cupples) wrote:
>
>>In article <4j4d49$ra1@tzlink.j51.com>, richard@j51.com (J. Miner)
wrote:
>
>>> Hi
>>>
>>> I am Interested in the yeasu FT-51r and just wanted to know how
other Ham
>>> liked the rig.
>>>
>>> Thanks and 73,
>>> Jon N2XFZ
>
>
>>I like it. Works well.
>
>>Only drawbacks are no direct (plug/jack) DC power input to the radio.
I
>>suggest buying the E-DC-12 DC adapter and the FBA-14 AA battery case
>>(which regrettably don't work _together_). Covers all the local
repeaters
>>on both bands for me when used at base location with AR270
groundplane at
>>3 watts. I got the MH-12A2B remote mike, have gotten many good

comments on
>>audio.
>
>>The FNB-38 9.6 V battery (600 mAh) lasts a disappointingly small time
when
>>used to transmit, even at reduced power. I read all the stuff about
NiCd
>>batteries, do it all, and then regret buying expensive, heavy battery
>>packs that give you a tiny amount of power. My preference is to buy
bulk
>>alkaline batteries (they are 2,400 mAh) at Sam's, and throw em away.
At
>>about $1.20 per set, that's at least 40 sets for the price of a NiCd,
and
>>they last many times longer for me.
>
>>I like the display and the keypad (backlit) and it is very small and
>>solid. Has nice battery pack connection scheme inside the radio,
spring
>>loaded gold contact pins look very well made.
>
>>It does have a strange limitation in not being able to erase a memory
once
>>programmed, and it will dump all memories if you follow manual
>>instructinos for enabling then disenabling wide range reception.
>
>>Still waffling over whether this rig is better than Kenwood TH79, but
no
>>major regrets.
>
>>cheers,
>
>>Jerry Cupples
>>KC5SXA
>
>wsoon@primenet.com http://www.primenet.com/~wsoon/
>

4297. Help! need manual Genave GTX-600

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: cnord@mail.snet.net
Message-ID: <4jji4d$1t7u@CT1.SNET.Net>
Source record: 203619

Help need manual, schematic etc. for this old 6 mtr FM rig.
Contacted factory and they told me they had lost all copies in a fire.
Anybody able to help me ?
Thanks
Carl
WA1KPD

4298. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: jwc@a.crl.com
Message-ID: <4jjle1$2u_001@nnrp.crl.com>
Source record: 203620

Looks like another address and subject for my kill file.

4299. Re: IC745 frequncy shift/distortion problems

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4jjlel$6ga@news.halcyon.com>
Source record: 203621

degreene@heurikon.com (David Greene) wrote:

>Hello,

>I was talking to a friend ont he radio a few days ago
>and noticed he was having a bad frequency shift/drift
>problem. His rig is an Icom IC745. While he was
>transmitting, at first I noticed a steady 100Hz/minute
>downward frequncy drift that went on for about 4 minutes
>steadily, then it abruptly jumped down about 2.5KHz and started
>distorting very badly. Then it just jumped back to the original
>frequency we had started on and the problem went away. Then
>it did the same thing about 7 - 10 minutes later.

>He said that this has been reported to him before, so I
>assume my radio wasn't the problem.

>Does anyone know what this problem might be or what
>a fix might be, or perhaps a good way to start troubleshooting
>it? please email me at degreene@heurikon.com

>Tnx,
>Dave aa9bi

>--
>--
>Dave Greene Heurikon Corp. 800-356-9602
Dave,

The following may help

Gary

Most Common Failures and Cures for the Icom IC-745

Symptom: Distorted RX/TX, or no RX/TX on one or more bands.
Distorted SSB audio sounds raspy and rough. Problem may be
temperature related.
Probable Cause: Bad trimmer capacitors on PLL unit, HPL VCO
section.
Cure: Replace plastic trimmer capacitors C78, C88, C96, and
C107 with ceramic equivalents. We suggest using a 12pf
trimmer for C96 instead of a 7pf as listed in the service
manual. This will allow you to properly adjust the HPL lock
voltage for that band.
Remarks: While you have the PLL unit lifted, it would be a
good idea to inspect and rework the soldering in the

regulator section. Also, inspect electrolytic capacitors C128, C129, C132, and C137 in the regulator circuit for discoloration caused by overheating. Replace all overheated capacitors to prevent future failures.

Symptom: Frequency instability.
Probable Causes: 1) Unstable trimmer capacitor C5 on 2nd L.O. unit. 2) Dirty RIT/XIT pot and switches.
Cure: Replace plastic trimmer capacitor with a 30pf ceramic trimmer and realign. Clean dirty RIT/XIT pots and switches with Blue Showers solvent.
Remarks: Unstable C5 is very common in the IC-745. The plastic version of this capacitor should be replaced on all units that come in for repair as preventative maintenance.

Symptom: Erratic display i.e., frequency listed will be out of the normal operating range of the radio. Rotating the VFO knob may cause strange characters to appear in the display. Radio does not work properly. Cycling the power switch a few times may restore operation temporarily. Problem may be temperature related.
Probable Causes: 1) Cracked solder on RAM unit is causing logic errors. 2) Program in RAM unit is corrupted. 3) Burned/overheated R20 on logic unit is causing low voltage in logic unit.
Cure: Check for burned R20 (10 ohm, 1/2 watt) on logic unit. If it looks OK, resolder cracked joints at J1 and J2 connectors on RAM unit, then reprogram. If this does not help, substitute RAM unit with a known good one. If the substitute RAM unit works properly, then the RAM unit must be replaced.

Symptom: RX noisy and intermittent. Preamp intermittent.
Probable Causes: 1) Bad preamp relay on RF unit. 2) Cracked solder on RF unit in preamp section.
Cure: Replace bad relay RL1 (FBR221DO12). Carefully examine the preamp section of the RF unit for bad joints and resolder as needed.

Symptom: Intermittent low FM TX output power.
Probable Cause: Poor contacts in relay RL1 on FM unit.
Cure: Replace bad RL1 (221B-D009-M).

Symptom: No preamp operation. Sensitivity of radio drops when preamp is engaged.
Probable Causes: 1) Bad preamp relay on RF unit. 2) Burned components in preamp section on RF unit.
Cure: Replace bad RL1 (FBR221DO12). Replace bad/burned preamp components on RF unit, usually RL1, Q11, Q12, R58, C86, etc... Also check Q10 for failure. If bad, replace it with a 2SC2878B.

Symptom: Low, erratic TX output in all modes. ALC meter reading is unsteady and may drop out altogether. Removing the top cover may cause problem to disappear for a while. Pressing on the wiring harness near the IF unit may cause the power/ALC meter reading to fluctuate. Problem may be temperature related.
Probable Causes: 1) Poor solder joints on IF unit. 2) Dirty RF power/mic gain pot. 3) Poor connections at IF unit is causing low TX drive. [This is sometimes caused by oxidation at the point where the wires is crimped to the connector pins.] 4) Bad relay on FM unit (if installed).
Cure: Clean dirty RF power/mic gain pot. Resolder cracked and suspicious-looking joints on IF unit. If these do not help, remove and resolder the wire crimps in the RF connector pins in J2, J5, J12, J9, J19 and J20 on the IF unit. Be sure to not add too much solder to the connector pins or they will need to be replaced. Be sure all connectors are fully seated after repair. Replace RL1 on the FM unit.
Remarks: Although resoldering the connector pins is a delicate and time consuming procedure, it will save you a great deal of troubleshooting time and frustration.

Symptom: TX power marginal on some bands. ALC meter reading is low but steady, not erratic. Cannot use ALC to adjust for more power. Troubleshooting reveals that no specific stage is malfunctioning
Probable Causes: 1) TX IF needs to be aligned. 2) Modification to IF unit needs to be removed.
Cure: Set unit to 14.100, TX in RTTY mode, and adjust L8, L10 and L11 on IF unit for peak ALC meter reading. If this does not yield enough drive, remove the 220-ohm resistor on the bottom side of the IF unit directly beneath L8 and retune. Be sure to readjust power, ALC level and metering, if needed.
Remarks: If the above steps have no effect, troubleshoot for a defective TX stage, or follow steps for curing erratic TX.

Symptom: VFO tuning is erratic, sometimes skips when changing frequencies or bands. Displayed frequency does not increment smoothly when VFO knob is turned slowly.
Probable Cause: Dirty rotary encoder.
Cure: Remove white plastic cover from back of rotary encoder and spray clean the carbon track with Blue Showers solvent. Spin VFO knob vigorously while spraying.
Remarks: Do not let solvent saturate the display unit or allow it to come into contact with the plastic display lens. Stuff a paper towel between the rotary encoder and display unit to catch spray run-off.

Symptom: TX power gradually drops off when warm. ALC meter indication remains at mid-scale. Adjusting ALC does not help.
Probable Cause: APC misalignment.
Cure: Realign ALC, Ic METER, and APC as per pages 9-1 and 9-2 in the service manual.

Symptom: AC hum or buzz in transmit and receive audio when an internal power supply is installed.
Probable Cause: AC in being induced into the PLL from the AC wires and power supply case.
Cure: Twist the AC wires that run from the rear panel to the power switch and route them away from the PLL unit. Tape them up against the chassis if necessary.
Remarks: In some radios, especially older IC-745s, it is not possible to completely eliminate all AC hum when using the internal power supply.

Symptom: Drastic change in audio frequency response between USB and LSB., i.e. USB audio has too much bass while LSB audio has too much treble. TX frequency response is also poor.
Probable Causes: Misadjustment of the BFO or PBT oscillator.
Cure: Align the BFO and PBT oscillator as per page 9-4 of the service manual.

Symptom: Distorted/raspy-sounding SSB TX. Complaints of RFI. Unit tests fine on dummy load. Unit is being used with an external Astron power supply.
Probable Causes: 1) In adequate station ground. 2) External Astron power supply needs additional RF decoupling.
Cure: Recheck station ground. Improve if necessary. Install additional RF decoupling capacitors on Astron power supply.

Symptom: Noise in RX, birdies.
Probable Cause: Voltage regulators on PLL unit are oscillating.
Cure: Replace overheated C128, C129, C132 and C137 regulator filter capacitors on PLL unit.

Symptom: No receive through LB antenna jack. No BC band RX.
Probable Cause: Open DS1 fuse on RF unit.
Cure: Replace open fuse.

Symptom: 1) No RX/TX at all. Display normal. 2) No CW operation, or, 3) Some front panel controls do not operate reliably.
Probable Cause: Burned or open on R1 on reg. unit.
Cure: Replace R1 (4.7 ohm, 1/2 watt).

Symptom: TX oscillations/spurious output.
Probable Causes: 1) Bad Q10 on RF unit. 2) Open parasitic-suppression resistor on PA unit. 3) Bad electrolytic filter capacitors on PA unit. 4) Bad drivers or finals.
Cure: Disconnect J9 on the RF unit and see if the problem goes away. If it does, then Q10 is most likely bad (replace it with a 2SC2878B). If disconnecting J9 has no effect, check the value of R22 (4.7 ohms) on PA unit. This resistor may look OK but still be open. Replace C18 and/or C25 if they appear swollen or overheated. If none of the above are causing the problem and ALC meter deflection is low, then most likely the drivers or PA transistors are bad.
Remarks: Spurious output may also be caused by incorrect band switch voltage to the low-pass filter unit, or even faulty/burned components on the filter unit itself. The above causes should be ruled out first, however, since low-pass filter failures are not common in the IC-745.

4300. Problems w/ BC-210 scanner.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: heckers@db.erau.edu
Message-ID: <4jjlct$url@kernighan.cs.umass.edu>
Source record: 203622

Hi, I was wondering if anyone could help me out with this old BC-210 scanner. The problem is that when I am scanning the 10 channels I have programmed into it, sometimes when there is a signal on one of the channels, it will play about .2 seconds of the transmission and then continue scanning until it comes back to that channel, then it plays another .2 seconds and continues doing that until the end of the transmission. The result sounds like shit and I can't (obviously) hear the transmission. It is ANNOYING as hell because I miss soooo many transmissions like that. I tried adjusting the squelch, antanna, position, etc. with no luck. Another thing that should be taken into concideration is when I leave it on one particular channel, it will always pick up the transmission and won't "pop" or anything. I think the problem may be the scanning speed may be set too fast but I don't know how to fix it (maybe it's a crystal?)

Well, thanks for any help you can give me.

Shawn (heckers@db.erau.edu)

4301. Re: Yaesu HT Nicad dissasembly

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar30.160153.16757@ke4zv.atl.ga.us>
Source record: 203623

In article <315aeb98.1780099@news.agt.net> smason@agt.net (Steve Mason) writes:
>Hi all.
>I have a bad Nicad pack from an FT-530. If I remember correctly, tha last
>time I tried to dissassemble a Yaesu pack from a 470, it was extremely
>difficult.
>Does anyone have any tips?
>I was thinking of using a heat gun to soften the glue...

Think freezer instead. Freeze the pack then rap it against a hard
surface. The glue will part. The glue they use gets brittle when
it is cold, usually much more brittle than the plastic. :-)

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4302. Re: Kenwood 870 ,Icom 775 or YAESU FT-1000mp?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: mikielksit@aol.com
Message-ID: <4jjmh6$3ec@newsbf02.news.aol.com>
Source record: 203624

Hi Jim.

You are undeniably correct that the IC-775 enjoys the best specs/feature mix of the three. I could have lived with the display, but budget was my main issue. Secondary to $$ was my concern over the reported reliability issues.

Although I am well aware that the MP is too new to yet have a rep for either good reliabity or bad. I'll have to find out the hard way. No dealers claimed knowledge of any reported problems with the rig.....

Glad to hear that you have had no problems with your 775. Hopefully the dealers were right that Icom jumped on the issues and fixed them.....I would hate to see anybody spend that kind of money and then get disappointed.....

73,

Mike - WA2QIC

4303. Popular Commun Free Back Issues

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: BOYCRUZ <104152.2610@CompuServe.COM>
Message-ID: <4jjt41hsq2@mhafc.production.compuserve.com>
Source record: 203625
Cross-posted to:
phl.media,rec.antiques.radio+phono,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

I have around two dozen POPULAR COMMUNICATIONS magazines from the
late
1980s years 1987 88 and 89 and have no use for them anymore
I would be willing to give these away individually or all together
if you want to pay postage
Contact me for further info!
Lots of articles on shortwave, dxing, radio stations etc

4304. WTB: TR 851A 70 cm all mode

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: rvr@pacifier.com
Message-ID: <4jk4lv$b5g@news.pacifier.com>
Source record: 203626

I am looking for a Kenwood TR 851A 70cm all mode. Please email replies.

73

Ron
KG7LR
--
Arizona Dreamin'

4305. Re: How to catch ArtSci magazine?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: subbustr@whidbey.net
Message-ID: <4jjpiv$9u@whidbey.whidbey.com>
Source record: 203627

A R T S C I :

Email: artsci@artscipub.com
WWW : http://www.earthlink.net/~artsci
Phone: 818-843-4080
Fax : 818-846-2298
or
P.O. BOX 1428
Burbank, CA 91507

Hope this helps....subbustr@whidbey.net

4306. NEC-8201A COMPUTER

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: DKight@gnn.com
Message-ID: <4jjpo4$5ft@news-e2b.gnn.com>
Source record: 203628

NEC PC-8201A laptop

VERY VERY VERY GOOD CONDITION .. For those of you that know what
this unit is, it's a deal at $120.00

No manual

This unit dates back to 1984 + -
****
Dale Kight NH6VR 3231 NW 50th St. #232 Oklahoma City, Ok. 73112
E-mail: dkight@gnn.com Phone 405-942-3247 Pager 405-781-8292

Looking for:
1. Hallicrafters SX-140 Rcvr
2. Lafayette HE-30 Rcvr
3. National NC-270
****

4307. Mars/CAP TH 75A xmit needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: Raymond Palmore <barrypal@worldnet.att.net>
Message-ID: <4jjscl$79t@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 203629

I know this is an older radio and Have had the rcv mod in for years.
But now need the xmit mod.... tnx

4308. WTD: Opinions on Ten-Tec Paragon I and II

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: cdorn@gpu.srv.ualberta.ca
Message-ID: <4jjtdq$16e6@pulp.ucs.ualberta.ca>
Source record: 203630

Hi,
I am interested to learn more about the Paragon I and II radios manufactured by Ten-Tec. I have read the 1988 QST review on the Paragon I and the RX looks like it put in some pretty good figures. I have been unable to locate any reviews on the Paragon II which I think was released in 1994. What are the differences between the I and the II? Are there any published reviews on the II? I know that the Omni VI is very highly regarded, and am wondering whether the Paragon just doesn't measure up against the Omni, and that's why you don't hear much about it. I notice that Ten-Tec hardly advertises it compared to the Omni. It would be helpful to hear some operator's impressions of the Paragon I or II.
Thanks,
Chris VE6RDC

4309. National HRO Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: dinge@sugar-river.net
Message-ID: <4jjue7$644@news2.ios.com>
Source record: 203631

Looking for an excellent early HRO. Also Looking for National speaker & Power supply. Please
e-mail. Thanks. Dick Doremus

4310. National HRO Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: dinge@sugar-river.net
Message-ID: <4jjufg$644@news2.ios.com>
Source record: 203632

Looking for an excellent early HRO. Also Looking for National speaker & Power supply. Please
e-mail. Thanks. Dick Doremus

4311. WTB: Ten-Tec Corsair II

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: deshel01@homer.louisville.edu
Message-ID: <4jka24$nmu@hermes.louisville.edu>
Source record: 203633

Hello all,

I am looking for a good working order to mint condition Corsair II. Please contact me via email or phone @ 502-493-9088 and leave a message.

Tnx es 73,

de David, KE4FPS
deshel01@homer.louisville.edu

4312. WTB: EICO Xmtrs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: DKight@gnn.com
Message-ID: <4jk0lk$8iq@news-e2b.gnn.com>
Source record: 203634

Wanted Eico Xmtrs .... Must be MINT COND !

State price & Cond ....
****
Dale Kight NH6VR 3231 NW 50th St. #232 Oklahoma City, Ok. 73112
E-mail: dkight@gnn.com Phone 405-942-3247 Pager 405-781-8292

Looking for:
1. Hallicrafters SX-140 Rcvr
2. Lafayette HE-30 Rcvr
3. National NC-270
****

4313. Re: Mobile HF tranceiverrs??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4jk0t6$pa5@crash.microserve.net>
Source record: 203635

dcollin@connix.com (Dennis Collin) wrote:

>There's also the TenTec Scout 555, which a local guy here SWEARS by,
>but it didn't excite me ...

I've worked several guys using these recently who had frequency
stability problems. The QSO's were on CW, and the VFO (PTO?) in the
Scout would jump around at random with a shift of about 50-100 Hz. Is
this a common problem with these rigs?

73,
Jack WB3U

4314. Re: Problem with HeathKit SB-200

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4jk1as$pa5@crash.microserve.net>
Source record: 203636

mchasse@primenet.com wrote:

>I have a SB-200 that has a high voltage problem. The meter report a
>high voltage of only 1700vdc and not the required 2400vdc for normal
>operation.

Have you measured the AC voltage at the secondary of the transformer?
What happens to the DC voltage when you load the amp? Is there
excessive ripple on the RF signal at the output?

73,
Jack WB3U

4315. Re: Help! Swan 500C problems

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4jk1kh$pa5@crash.microserve.net>
Source record: 203637

draagen@news.connectnet.com (David Negaard) wrote:

>I've checked as best I can with an old analog multimeter, and it
>would seem that all the voltages are present. I've swapped the P.A.
>drive tube with the audio frequency output amp tube (they're both
>6GK6), and the transmitter mixer tube with the receiver mixer tube
>(they're both 12BE6), with no change in symptoms. I _don't_ have an
>oscilloscope, or I'd trace the signal path.

If all the tubes are lit and DC voltages at the pins check OK, I don't
think you have a choice but to use a 'scope or other form of high
impedance RF detector.

73,
Jack WB3U

4316. Re: Info on CW only xcvrs ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4jk1qm$pa5@crash.microserve.net>
Source record: 203638

cd001263@interramp.com (George W. Zachmann) wrote:

>I am looking for a CW only HF transceiver with VFO. I know Heath
>made an HW-99 model. I believe Drake made one also, anyone know the
>model number ? Any others?

Ten Tec has made a few. If you're looking for a superhet and good
QSK, that's probably the way to go.

73,
Jack WB3U

4317. Re: Info on CW only xcvrs ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: dreambig@ix.netcom.com
Message-ID: <4jjame$9fh@dfw-ixnews5.ix.netcom.com>
Source record: 203639

In <4ji6ll$8q6@usenet4.interramp.com> cd001263@interramp.com (George W. Zachmann) writes:
>
>I am looking for a CW only HF transceiver with VFO. I know Heath made

>an HW-99 model. I believe Drake made one also, anyone know the model
>number ? Any others?
> Thanks
>
> George, KG6GA
>
TenTec Century 21 & 21-D (digital) are oldies but goodies...
direct conversion receivers 30w output -- smoooooth little toys

Also Century 22 -- later model / smaller I think still direct conversion. (never tried one of them but probably worth owning)

Also -- if you want to try QRP, the little MFJ single banders are very nice and you really can work almost anything you hear with 5 watts. You cant go wrong for $140 investment -- resale value @ $125 so buy one, play with it and sell it when youre tired of it at a cost of $15 to own it!

73
wd9hcr
Larry

4318. How Tune Tube XMTR for QRP?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: mkeitz@bev.net
Message-ID: <4jk6aa$dg@solaris.cc.vt.edu>
Source record: 203640

I've just set up an old RCA all-tube commercial radio for 6 meter FM. It's a model CMF-40, built around 1957. The conversion consisted simply of removing the vibrator and supplying 60 Hz AC from a transformer from house current. (At 15 x 18 x 6" and 50 lbs, it didn't seem too bad to give up the potential for mobile or portable operation). The transmitter section uses a single 6146 with two "L" sections (series inductor and capacitor to ground) in the plate circuit. Everything tuned up well, and it works our new repeater (53.47 -1.0 MHz) just fine.

With all the transmitter tweakers adjusted to peak, it puts out about 50 W. But I only need 3 or 5 W to get to the repeater, so I'd like to turn the power down somehow. Obviously there are many ways to do that, but some of them may be better than others. Perhaps someone more experienced with tube equipment than I am could comment on which of these are best in terms of tube life, spurious emissions, etc.

* Reduce the screen voltage. This is the method I presently use, as a "Tune-Operate" switch has been provided which does exactly that. I assume the purpose of this switch is to keep the tube from conducting heavily and burning out during initial tune-up when the plate tuner may be badly misadjusted. It would seem however that the tube operates with low efficiency with the screen voltage reduced. This method does have the advantage that full power can be restored easily if needed.

* Detune the "Antenna Coupling" L-C. Can this be done so the tube "idles" into a high impedance from the plate L-C circuit, but little power reaches the antenna?

* Reduce the drive power (by detuning the grid circuit). This seems like a very bad idea, as the grid bias falls with less drive (about -40 V is supplied from the power supply, but it increases to -60 V or so with drive). That probably will make the tube draw excessive DC plate current.

* Something else I haven't though of? Rewiring the power supply so only normal B+ (275V) rather than boosted B+ (750V) reaches the plate is another possibility, but I'd rather not make that much modification.

-Mike KD4QDM

4319. KWD TS130 or TS140 INFO?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: mai@iquest.net
Message-ID: <Dp3CJy.FoM@iquest.net>
Source record: 203641

Dear Fellow Hams -

I have a friend interested in info on these older Kenwood rigs, but my personal experience is nil. Any inputs welcome.
He is interested in a good rig for mobile operation and some light duty portable operating. While the new 706's, TS50's,
DX70's etc are all great, the sticker is above his goal for the purchase. Any other suggestions welcome (ie: IC735, FT-XXX,
etc) Don't forget to say why you like or dislike. If any interest I'll consoildate and post a summary.

Thanks in advance gang!

Patrick WB9IQI

4320. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: 75034.1566@compuserve.com
Message-ID: <4jkg5g$k2i@dub-news-svc-1.compuserve.com>
Source record: 203642

In article <4jelum$6ls@uwm.edu>, From herb@alpha1.csd.uwm.edu (Nathan Ryan Gingras), the following was written:
> Oh, yeah, you HF'ers are all going to look up my callsign, and to save

>
> you the trouble, it's KB9LSX, and I am NO-CODE. But believe me, I've
> worked my share of HF, and thus I have not upgraded. >

How would he know? It's illegal for him to work HF!

4321. Re: Problem with HeathKit SB-200

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4jkipj$d6h@newsbf02.news.aol.com>
Source record: 203643

Hi All,

In article <4jk1as$pa5@crash.microserve.net>,
jackl@pinetree.microserve.com (WB3U) writes:

>
>>I have a SB-200 that has a high voltage problem. The meter report a
>>high voltage of only 1700vdc and not the required 2400vdc for normal
>>operation.
>
>Have you measured the AC voltage at the secondary of the transformer?
>What happens to the DC voltage when you load the amp? Is there
>excessive ripple on the RF signal at the output?
>

Woaaaaah! NEVER NEVER NEVER measure the secondary of the
transformer!!!!!!!!!!!!

It's:

1) Dangerous, it can kill you quicker and easier than you ever suspect.

2.) Unnecessary! If the transformer is bad it will be TOTALLY bad. It
won't just have low voltage!

If the amp is behaving properly, I suspect a bad meter multiplier
resistor. That's the most common failure!

If the amp has loads of hum, and poor regulation (as Jack suggested), it
may be the electrolytics. But the electrolytics will almost NEVER cause
low HV while the amp is on standby!

73 Tom

4322. Re: Mods for the FT-51R Yaesu

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: Les Butler <lsbutler@cris.com>
Message-ID: <315DD1CE.3C58@cris.com>
Source record: 203644

David H. Malin wrote:
>
> Just wondering if anyone knew of all the mods for the Yaesu 51R. Or at
> least point me in the right direction. Thanks
>
> 73's
> Dave AA6RV
> --
> **
> * *
> * Dave H. Malin *
> * 30447 N. Sunrose Pl *
> * Canyon Country,Ca 91351 *
> * Home 805-298-0300 *
> * Work 213-485-2918 *
> * ---------------------------------- *
> * Communications Electrican *
> * City Of Los Angeles *
> * ---------------------------------- *
> * TSgt 146 Aero Medical Evac Sqn *
> * California Air National Guard *
> * ---------------------------------- *
> * Old West Lodge No. 813 F.& A.M. *
> * Southern Calif Harley Riders Ass *
> * AA6RV Amatuer Radio Call Sign *
> * *
> **

If you own the ADMS-1 software you can edit the win.ini file area that
is titled FT-51 Programmer

The line will look like this:
allowanyfrequency=0

change it to

allowanyfrequency+1

This will open up the receive only but it opens it up from about 60Mhz
to over 500 for good reception.

Also if you own this program why not pick up the latest upgrade from my
home page.

http://www.cris.com/~lsbutler

Look for my Ham link page and it's near the bottom.

Les

4323. Re: FT-51R HACKING PROJECT UPDATE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: Les Butler <lsbutler@cris.com>
Message-ID: <315DD43D.5502@cris.com>
Source record: 203645

David Martin wrote:
>
> Hi.
>
> Joe I am not saying that they HAVE to do anything only that they
> will not supply the information to anyone. Therefore I shared that
> information with folks here on the net so they know not to waste
> their time!
>
> David
>
> PS Nothing wrong with that. But glad you brought the point
> up anyhow. Thanks.
>
> Joe Landis - Systems & Network Mgr (landisj@nad.com) wrote:
>
> : [snip]
>
> : Why should EZclone, RT, Yaesu or anyone else divulge trade secrets to you?
> : It's their engineering time, and if they choose to sell their results, they
> : have every right to.
> : Joe - AA3GN
> : --
> : Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
> : landisj@nad.com ..speaking only for myself, of course..

Very interesting thread. Why should anyone invest time and money into
something and give it away?

Try calling Ford, G.M. or Chrysler and asking them to send you details
on their engine control systems so you can hack them.

Call General Instruments and ask about hacking into their Video Cipher 2
system for satellites.

I'm sure you'll get the same answer from all. What's the point? You're
willing to sell the information to others after you figure it out. Isn't
that the same as selling the software? If you figure it out because
nobody will tell you, why not give the details away for free much the
same as you're asking?

Les

4324. Re: What HF rig should a newbie buy ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: landisj@nad.com
Message-ID: <1996Mar30.153355.501@nad.com>
Source record: 203646

In article <3158C7D5.752B@erols.com>, "usao6ret@erols.com" <usao6ret@erols.com> writes:
> Jonathan M. Tallon wrote:
>>
>> Well, I've aquired my tech-plus license, and now I'm pinching my
>> pennies to get a hf rig, & a 2m ht. I've got all the catalogs, but
>> sorting out the features & jumping back and forth between
>> descriptions and price lists makes it nearly impossible to compare
>> models -- which brings me to my question - what hf rig (new or used)
>> will get the job done, cheaply. Actually, I'd prefer to buy a used
>> rig - it seems like new ones start over $1200, which is waaaaay too
>> much for my budget. Any advice would be GREATLY appreaciated. Also,
>> which 2m ht is the best for a newcomer ?
>>
>> I know the questions are vague, hopefully you can see where I'm
>> getting at with all of this though. Again, thanks in advance.
>>
>> --
>> "Aerodynamics are for people who can't build engines"
>> -Enzo Ferrari-
>>
>> Jonathan M. Tallon jmtallon@mtu.edu M.T.U.
>> KC8CVN - Amateur radioYou will get all sortw of advice. I recommend trying to hook up
with a
> used ICOM IC-735. If you can, get the Icom power supply with it and tryi
> to find one with a 500 or 250 hz cw filter (I prefer the 250 hz, you will
> need it later on). The IC-735 has been around for a long time and it is
> hard to find because it is a fine rig.
>
> As to the 2-mtr handheld, I am very happy with my Yaesu FT-470. It is a
> dual-bander (144/450). You really should look for a daul bander -- they
> don't cost that much more and you have a lot of flexibility.
>
> Best advice I can give you is: Shop around; ask lots of questions; do
> not buy the first thing that pops up. If you are not cmfortable with the
> guy you are doing business with, don't buy from him. Take your time.

I agree, the 735 is a great rig. Also I would add a Yaesu FT747 as well;
you should be able to find one for about $500. And I also have an FT470.
It is a solid, rugged radio. It's got slight intermod problems, but not
as much as some other handhelds.
Also you may want to look at the FT530 - another Yaesu dual band handheld.
They are being discontinued, and are being sold for less than $300 new
by at least one of the mail-order houses.

Joe - AA3GN

--
Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
landisj@nad.com ..speaking only for myself, of course..

4325. Equalizer comments wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: Steve Dworkin <n2mdq@li.net>
Message-ID: <4jkbo1$e8t@linet06.li.net>
Source record: 203647

I have heard a number of stations (usually quite critical
of their audio) that claimed to be using studio quality
microphones and audio equalizers. My questions are twofold.
(1) Does anyone know of a source for used studio mics?
(2) What kinds of equalizers are applicable for this purpose?
eg. Can you use a stereo-type equalizer just positioned into
the audio line between the mic and the radio, or are these
also studio-grade or special application units? These guys
always have booming signals with extremely real sounding audio.
I cant go up another 100 ft, nor can I afford some of the amps
out there, but this may be a feasable and fun place to really
improve my station. Does anybody out there have any experience
in this area?

Steve Dworkin, N2MDQ
n2mdq@li.net

4326. Re: Yaesu HT Nicad dissasembly

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: smason@agt.net
Message-ID: <315d795d.2209041@news.agt.net>
Source record: 203648

Thanks to all who replied. Lot's of interesting methods. I'll try a few,
and report what worked for me.

Steve VE6STV

4327. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: Rob Bienenstein N8EAC <rob@tir.com>
Message-ID: <4jijtt$b1c@ramp2.tir.com>
Source record: 203649

Well Nate , It seems that u have a real problem with the guys that
operate on the hf bands . My guess is that u got on the air with a punk
signal and the band was noisy , so u had a hard time getting your point
across . Everyone that gets into this hobby had someone to "elmer" them .
Maybe your elmer did not spend enough time with u . Too bad .
Morse code is not that hard to comprehend . If u want it bad enough ,
it's easy .

dah dah dit dit dit dit dit dit dah dah

N8EAC

4328. ICOM T21a

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: stevend@wolfe.net
Message-ID: <4jk1ca$2rq@ratty.wolfe.net>
Source record: 203650

Hi. About a year and a half ago, I purchased a ICOM t21a transciever at a local hamfest. It is now out of warranty, I believe. Recently, it will not turn on, and won't display anything on the display. The green recieve light in the corner is on, but not as bright as usual. Also, there is a faint hiss from the speaker, as if the squelch were to low, however the volume and squelch controls do nothing. Nothing I do seems to have any affect, short of taking out the battery and/or disconnecting the power cable. That stops the noise, and turns off the faint green light. Any comments/suggestions would be welcome. I am in Yakima, WA, and I am not sure if there are any local dealers. If not, would you reccomend one in the Seattle area? Or, are there possibly any in the Yakima area? Thanks for any reply.

-David Dyk KC7BBV
-Connecting Point Computers / Yakima
- http://www.wolfe.net/~stevend
- stevend@wolfe.net

4329. Re: Ten-Tec 1209 transverter kit: comments?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: johnoz@indy.net
Message-ID: <4jhu3r$ji6@news.indy.net>
Source record: 203694
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

In article <4jap1k$36g@newsbf02.news.aol.com>, parf@aol.com (Parf) wrote:
>Hi Dean,
>While I have not built the TT kit I did hear a # of them on 6M last Es
>season- they were consistantly the nicest sounding sigs on the air.
>Previous postings here indicate the instructions hark back to the
>excellent days of Heath. Note also they now have a 2M to 6M downconverter
>to place your 2M all-mode on 6. I've been told the 1st run is sold out! I
>have no affiliation w/ TT in fact I don't own a TT!- but if I had serious
>interests in HF I would own nothing but TT.
>
>Dale WA2YPY

Ordered 1209 today, salesmam quoted 3 week delivery delay.

John KB9MIE

4330. FS: Kenwood TS-520SE HF Transceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: arsenaul@mccc.edu
Message-ID: <Dp22Bq.Btp@tigger.jvnc.net>
Source record: 203695

FOR SALE: Excellent condition Kenwood TS-520SE HF Transceiver

- 200 Watts USB, LSB, CW 10, 15, 20, 40, 80, 160M
- Original boxes, manuals, dummy load, swr, power meter included
- Used maminly as a receiver, little on-air time
- Good tough radio for first timer or advanced
- Analog dial, but can accept ditital display boxes
- 520SE is top of the TS-520 line (all filters,crystals came standard)
- $300.00

Call or leave message:
Trent Arsenault - WW0U
arsenaul@mccc.edu
Pennington, New Jersey
(609) 737-3079

4331. Re: TM-241A display trouble???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: subbustr@whidbey.net
Message-ID: <4ji1bd$c8g@whidbey.whidbey.com>
Source record: 203696

This iz a comman problem with this rig Gerry.
I fixed mine, no prob...email me and I will give u
the steps to fix....Yes, ur not the only one.

subbustr@whidbey.net

4332. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: Gary - KJ6Q <tech@thereporter.com>
Message-ID: <4jid8p$jhq@miwok.nbn.com>
Source record: 203697
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

jlundgre@delta1.deltanet.com (John Lundgren) wrote:

>: Hey Gary, loved your taglines! Especially the one above about the plow-
>: shares:) I realize this is a bit off-topic, considering the newsgroup,
>: but do you listen to Rush?
>: Cheers, Ron Cain
>
>Cute, yeah, but not funny. Maybe a sad commentary on the state of the
>world today.
>--

AHHhh *GEE*, always a sourpuss *CRITIC* in the crowd....
--
Gary... KJ6Q... I am the NRA | Annoy a Liberal - say NO to gun control!
============================ | Annoy a Democrat - say BYE BYE CLINTON!
Those who choose to "beat |==================================
their swords into plowshares"| "It's *EASY* to be a liberal, it's
may end up *PLOWING* for | OTHER people's money you are giving
those who DON'T! | away! (or living off of!)

4333. Re: Kenwood 870 ,Icom 775 or YAESU FT-1000mp?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: mikielksit@aol.com
Message-ID: <4jiff9$mn6@newsbf02.news.aol.com>
Source record: 203698

I just ordered the FT1000MP and am waiting for it to arrive.

I considered the 870, but I wanted the sub vfo feature badly enough to knock that rig out of the box. Although I really liked the idea that PC software was included in the package. This is something Icom and Yaesu need to mimic!

That left the IC 775, and the MP. I called around for pricing on both. Aside from the fact that the IC 775 is much more expensive than the MP, I was told by several different dealers that the IC 775 was buggy. A friend reinforced this by mentioning that he had heard on the local DX repeater several hams complaining about their 775's. In this instance, the complaint was the the main VFO failed - as in broke. Three hams on the repeater reporting the exact same problem. This was very disturbing news to me relative to the price of the rig. However, I have also been told by other hams claiming knowledge of the Icom situation, that the lastest iteration of the 775 seems to have all the kinks worked out. If true, the Icom has some nice features that the MP does not. The sub receiver on the Icom is better, and you have more control over it than the MP. Another obvoius difference is the higher power output of the 775. If I recall correctly, I beleive that the DSP arrangement on the 775 is better that the MP. But both rigs also have 'normal' filtering as well - if you have any money left over the buy them.

Personaly, I don't care for the 775 display. I prefer the Yaesu display.

I chose the FT1000MP partly because the price was right for my budget, and also because I was leary of the 775 reputation for relability. Last thing I want is to spend $3000 - $4000 on a radio that doesn't work. (Hope you are listening Mr. Yaesu!). The MP has almost every feature I could want, and I expect it to remain in my shack for about as long as my first HF rig - 10 years. We'll see.....

73,

Mike

4334. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: Tim Murray <tamurray@iquest.net>
Message-ID: <Dp28IA.D0B@iquest.net>
Source record: 203699
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

Tony, grow up.

4335. Did he ever get the FM-25 fixed?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: "usao6ret@erols.com" <usao6ret@erols.com>
Message-ID: <315CEBB7.790@erols.com>
Source record: 203700

Some days ago, a gentleman posted to several newsgroups a message indicating that he was sorely vexed by a problem with his FM-25. Many people responded to his posting with comments on his choice of words. While I agree that he certainly did not use genteel language, I can't help but wonder if he ever solved the problem with the radio?

Just wondering.

Real men work QRP CW. And use DOS.

4336. Re: degaussing (sp?) a picture tube

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: "miker in Tigard, OR." <mreiney@hevanet.com>
Message-ID: <4jiksu$46f@vista.hevanet.com>
Source record: 203701

What you need is AC with a lot of amp-turns. typical commercial degaussing coil has many turns of about
number 18 wire. You can accomplish the same thing with more amps in fewer turns.
One thing that is easy to make and works in a pinch is to use one turn of number 12 wire or so.
You need lots of amps. Easy place to get them is from a soldering gun. The kind with the trigger and
loop of copper for the heating element. Remove the tip. Connect a circle of wire about a foot in
diameter. Pull the trigger when several feet away. Sweep around the CRT. Let go of the trigger when
several feet away. If you let go near the crt, you will really magnetize things.
If you get lots of pretty color patterns on the screen, it's working.
The wire can get hot enough to set things afire. Don't leave it on more than a few seconds.
Good luck.

4337. Re: Swan 600/ Heath Apache

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4jiii3$l29@crash.microserve.net>
Source record: 203702

QRP%mimi@magic.itg.ti.com (D.W.Hemphill KC5NG) wrote:
>-SNIP-
>>I have a friend who has the Swan 600 twins and a Heathkit Apache
>>transmitter. He is wondering what a fair asking price for these
>>would be. They seem to be in pretty clean condition externally.
>>The Apache worked when it was stored and the 600 twins *might* need
>>a little work on a selector switch.
>-SNIP-
>
>Apache: $50 to $75, should be easy to sell, collectors grabbing
them.
>Swans: $100 to $200, not much of a market for these.
>
>73 de KC5NG

Who posted this question? I ran across a guy on the air a month ago
who is interested in purchasing a set of the Swan 600 twins.

73,
Jack WB3U

4338. Re: IC 706 CROSSBAND SPLIT???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4jii1d$q4f@news.halcyon.com>
Source record: 203703

bwhittem@mailgw.sanders.lockheed.com wrote:

>does anyone know how to make the 706 do crossband split? i would like to use
>it for the rs10 and rs 12 sattelites but looks like split only works in single
>band
>thanks
>barry
>wb1edi
Barry,

It is not possiable to do this on the IC-706. It has a maximum 4 megs
offset.

Gary

4339. Re: Kenwood 870 ,Icom 775 or YAESU FT-1000mp?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: Jim Nance <jnance@one.net>
Message-ID: <315CFFCF.38D3@one.net>
Source record: 203704

Mike I had operated all three radios on more than one occasion at a local ham store prior to buying my radio. Immediately the TS-870 was ruled out. Reading the receiver SPECS ONLY in the reviews of all three units in QST and paying no attention to the reviewers likes/dislikes I feel the ICOM 775DSP comes out on top. I bought the ICOM 775DSP in November 1995 and have not been sorry. One other thing I personally perfer the display on the 775 vs the 1000mp.

73 de KE4WY

4340. Info on CW only xcvrs ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: cd001263@interramp.com
Message-ID: <4ji6ll$8q6@usenet4.interramp.com>
Source record: 203705

I am looking for a CW only HF transceiver with VFO. I know Heath made an HW-99 model. I believe Drake made one also, anyone know the model number ? Any others?
Thanks

George, KG6GA

4341. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: herb@alpha1.csd.uwm.edu
Message-ID: <4jisf0$k0i@uwm.edu>
Source record: 203706

N9MXT1 (n9mxt1@aol.com) wrote:
: Getting completely off the topic of HF... but, you are strange! Just by
: reading your messages that you send to backup your point it scares me.
: You don't get angry you just write and use strange come backs.
:
: I don't know... strange people on here!

There is no point in getting angry - it would invalidate anything I would
say by showing that I was inable to formulate an intelligent, level
headed response. Angry isn't what it's all about; it's about divergent ideas.

Nate.

4342. Mac Ham Users Group

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: john@wd1v.mv.com
Message-ID: <john-3003960408360001@wd1v.mv.com>
Source record: 203707

"Macnet Roster" (ver. 739) has just been updated and is now a stand-alone application! The version number = the number of hams using Macs.

"Macnet Roster" lists:

o CALL SIGN @ HOME PBBS
o FULL NAME
o ADDRESS
o CITY, STATE, ZIP
o INTERNET ADDRESS
o MACS USED
o RADIOS USED
o SOFTWARE USED
o PASSIONS
o COMMENTS

of every known amateur radio operator in the world that uses a Mac computer.

You can use "Macnet Roster" to find other Mac users that you can then communicate with directly. Compare notes on software, applications, ideas, hints and kinks, and make new ham friends that use the same computer you do. (You already know how cool you are - imagine accessing "the rest of us"!)

If you'd like the latest "Macnet Roster":

Send me a formatted disk in a self addressed and stamped disk mailer that is in a large envelope clearly marked "ROSTER".

Or connect to my home page via the WWW

http://www.mv.com/ipusers/wd1v

Put YOUR INFO (via EMAIL or disk using TEACH TEXT) if you'd like to be included in the "Macnet Roster" or send an update to your stats to me via pkt or email anytime.

John D. Seney |_|_|_|_| e-mail: john@wd1v.mv.com
144 Pepperidge Dr |_| |_| www http://www.mv.com/ipusers/wd1v
Manchester, NH 03103-6150 |_|_ _|_| wireless: wd1v@wb1dsw.nh.usa.noam
Voice Mail: 603-533-3472 | | | | | skytel page: 5956779@skymail.com

4343. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1Dp2Apv.A6L@netcom.com>
Source record: 203708

In article <4jelum$6ls@uwm.edu>,
Nathan Ryan Gingras <herb@alpha1.csd.uwm.edu> wrote:
>
>Hey, all those no-code HAMS who complain about not getting on HF are not
>missing anything! Why would anyone want to be on HF? The conversations
>are always empty & meaningless, containing only the following standard info:
>
>1) The Weather
>2) Type of Radio
>3) Signal strength

This is true to a large extent. Its difficult to find an interesting
conversation on HF. Hopefully all the old farts will die out and a
new younger crowd will fill in. I've found 2m MUCH more interesting
to listen to than HF. No code techs will inherit the ham bands.

(I'm a tech+ at 10wpm working for my general ... not sure why)

HF does have its appeal dispite the old boring farts. Its facinating
to have to ability to talk to others in foriegn countries.

>HF offers little enjoyment to people who are more than 'postcard
>chasers'. Even CB'ers, whom HF'ers seem to think are inferior, carry on
>more interesting conversations.

I differ on this. CB doesn't require a person to be able to read, and
its evident on what you hear on CB. Seems a number of CBer's are on 80m HF.

2m hams seem the friendliest, most interesting lot. I've traveled
across the USA and has many a fascinating conversation on 2m.

>Nate's suggestion for improving HF:
>1) Instead of code, require a test in socialization & conversational skills.
>2) Allow no more than 50w 40m and below.
>3) Make it illegal to talk about root canals (noone cares!)
>4) Require a physical & hygene exam! (I get sick every time I go to a
> HamFest!)

I believe as the old farts die out the powers that be will get desperate
about probability of loosing ham bands. The code requirement will drop
for at least a few bands, and the ham community will be better for it.

>Just my thoughts. No-coders, you really aren't missing much, so if you
>can't learn code for whatever reason, don't sweat it! You can get better
>looking postcards at the corner drugstore, and you can have better
>conversations with local trees, and other vegitation.

Personally, I will struggle to 13wpm and get my general. The code
requirement may not be dropped for 5 years yet.

Some people love code, others hate it. I see code as celery.
Don't hate it, don't like it, just a painful dicipline you
must inflict on ones self to reach a goal, be it to loose
weight on a diet, or get my general lisense.

I think the die-hard code-will-never-die hams don't want the code
requirement dropped because it was so difficult for them to pass.
Things were much stricter in 1930, not to mention they had to
walk a mile in the snow with no shoes, use two pieces of wire
to crank out 20wpm under the scrutiny of stern FCC officials.

>Oh, yeah, you HF'ers are all going to look up my callsign, and to save
>you the trouble, it's KB9LSX, and I am NO-CODE. But believe me, I've
>worked my share of HF, and thus I have not upgraded.

KC5LWF here, eating celery, and learning code.

-.. .-. --- .--. -.-. --- -.. . .-. . --.- ..- .. .-. . -- . -. - !

4344. WTB: tailgate space at Dayton

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: leajon1@aol.com
Message-ID: <4jj47s$s7h@newsbf02.news.aol.com>
Source record: 203709

If anyone has an extra space at Dayton contact me at:
jwkohn@wharf.ship.edu
or 717-532-1775.
Jon N3AJB

4345. Re: Yaesu HT Nicad dissasembly

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: cardenas@kaiwan.com
Message-ID: <4jj2sj$er7@kaiwan.kaiwan.com>
Source record: 203710

>I have a bad Nicad pack from an FT-530. If I remember correctly, tha last
>time I tried to dissassemble a Yaesu pack from a 470, it was extremely
>difficult...

Here's what I did...

1. Remove the little label/tag, only to help keep the battery looking as original as possible.

2. I wraped the battery with a soft cloth, two ply...

3. Inserted the battery into a bench-vise with the jaws across the weld.

4. I tightened the vise and smacked the seam with a cowhide mallot (I suppose a rubber mallot would work just as well)...

5. The first colpa' times it didn't break the seal/weld... so I tightened the vise just a little more at a time... then another smack or two.

***The seal/weld will crack. I've rebuilt three battery packs using this method and I recommend it highly... just don't over do it with the vise!

BTW, I used a hot-glue gun to form the cells together and resealed the case-halves together with no problems. In fact my rebuilt batteries are lasting much longer than the new one's ever did!

Lemmie' know how you like your new/almost-new/better-than-new battery pack?

Tony
WA6IGJ

4346. Re: TM-241A display trouble???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-30 00:00:00 UTC
From: Michel Lamoureux <100277.1476@CompuServe.COM>
Message-ID: <4jj5s1clc1@mhafc.production.compuserve.com>
Source record: 203711

You may check the connector beetween the ﷺP board and the display unit.

--
100277.1476@compuserve.com (Michel Lamoureux)

4347. WANTED...R-390A Meters...Can Anyone Help Me??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-31 00:00:00 UTC
From: George Sereikas <SEREIKAS@worldnet.att.net>
Message-ID: <4jmcn5$r36@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 203562

Hi,
Thanks for reading this posting. I am looking for the original meters for a R-390A Receiver(One is the "Carrier Level" meter and the other is the "Line Level" meter). If anyone has one or both of these meters or knows where I can find them, please let me know.

Thanks alot,
George
KC2MF
sereikas@worldnet.att.net

4348. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-31 00:00:00 UTC
From: herb@alpha1.csd.uwm.edu
Message-ID: <4jmdcn$9kb@uwm.edu>
Source record: 203563

charles copeland (charles1@netcom.com) wrote:
: In article <4jhpj4$doa@newsbf02.news.aol.com>, N9MXT1 <n9mxt1@aol.com> wrote:
: >Getting completely off the topic of HF... but, you are strange! Just by
: >reading your messages that you send to backup your point it scares me.
: >You don't get angry you just write and use strange come backs.
: >
: > I don't know... strange people on here!
: >
: >N9MXT - Jeffrey
:
: Your first message you attempt to insult the original poster,
: now you try to alienate him.
:
: Gee, I hope I never run into you on HF, your not a nice person.
:
: KC5LWF
:

Hey, It's cool, I don't take anything here personally...

Nate.

4349. Tempo 2m vhf-one

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-31 00:00:00 UTC
From: Shelby Merrick <smerrick@som-uky.campus.mci.net>
Message-ID: <315EBDD9.4AEC@som-uky.campus.mci.net>
Source record: 203564

Would anyone happen to have the mike pin-outs for this radio or information on it? Appreciate the help in advance.

Shelby
KE4AKA

4350. Re: What HF rig should a newbie buy ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-31 00:00:00 UTC
From: oddjob@cix.compulink.co.uk
Message-ID: <Dp56wC.Kuo@cix.compulink.co.uk>
Source record: 203565

a dead ham!

4351. Kenwood th-79a Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-31 00:00:00 UTC
From: Rich Papa <richpapa@iconn.net>
Message-ID: <315EBFE7.2104@iconn.net>
Source record: 203566

I have noticed that recently, when I first switch on my unit, the LCD display, when I press the PTT key, will fade by around 50%. This will last for around 3-5 short transmissions (usually 5 seconds or less). After that the LCD display seems to no longer fade when transmitting. Has anyone else had any similar experience.

Rich
N1VAJ

4352. Re: Yaesu "mil-spec" NOT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-31 00:00:00 UTC
From: "Richard R. Fasi"
Message-ID: <4jmi04$psm@miwok.nbn.com>
Source record: 203567

Some manufacturers build equipment to MIL Spec. Others build to mil spec
and TEST to Mil spec such as Motorola.
Dick KM6PA

4353. Re: Any info on FT-50?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-31 00:00:00 UTC
From: crum@xmission.xmission.com
Message-ID: <brivfl15a6.fsf@xmission.xmission.com>
Source record: 203568

In article <315DB9AD.1A03@mtnweb.com> Josh Pavlovich <jpav@mtnweb.com> writes:
> Does anyone know if this is the same case design as the FT10/40.
> Basically, I need to know if it will use the same battery. Any info
> would be great.

I don't know, but I suspect the FT-50r will use the same battery as the
FT-10r and FT-40r. Here is evidence: There are several new accessory
products for the 10 and 40 now. Here are new entries in HRO's produce list,
not yet with price assignments and not yet in stock, from the web page
generated by:
http://www.hamradio.com/cgi-bin/uncgi/ase?MAN=yae&ITEM=&DESC=&TYPE=&MAX=500&OPT=on

44) YAESU CT-27, CLONING CABLE FT-10/40 SERIES $0.00
92) YAESU FNB-42, 9.6V 1100MAH 5W BATTERY (TBA) $0.00
225) YAESU MH-37A4B, EAR-PIECE MICROPHONE FT-10/40 $0.00
265) YAESU PA-17, BATTERY CABLE EXTENDER FT-1O/40 $0.00

That battery extender could be interested, because without the battery
(and presumably with a plastic plate to put on the back of the radio)
the 10/40/50 will probably be really nice and thin. Good for hiking, maybe.

By the way, I noticed these new products from Alinco and Standard, too:
34) ALINCO DR-605T, 2M/440 MOBILE 100 MEM 9600 BAUD $0.00
1) STANDARD C5900DA, 6M/2M/440MHZ TRI BAND MOBILE $0.00

I wonder how the 605 will differ from the 610. I like the 610, with its
official, advertised remote controllability feature. (Not undocumented as
with the Kenwood TM-733A.) A built-in CW ID circuit would be good to
go along with that, though.

To me, the 220MHz, 900MHz and 1.2GHz bands would be of more interest
that the 6m band, although there is a controllable, frequency agile
6-meter remote radio on one of the repeaters around here. A few
people have Kenwood TM-742A radios with the 220MHz module installed.

4354. * * * AFFORDABLE QSL CARDS * * *

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-31 00:00:00 UTC
From: MMcanally@gnn.com
Message-ID: <4jmkgq$fa5@news-e2b.gnn.com>
Source record: 203569

After some checking, I found out that QSL cards cost anywhere from $70.00 to $450.00 per 1000 cards to be printed up. I also found out that you are pretty limited to the color of card, artwork and color of ink to choose from. I have been printing cards for my ham

friends for some time now and I have been encouraged by my friends

to branch out and advertise a little.

I can print 1000 cards with black ink for only $50.00. Why should you order your cards from me? Because $50.00 is it! No shipping charges, no setup charges, no hidden costs. PLUS...you have your choice of 13 card colors, unlimited artwork, and you can have up to FIVE different layouts per order. Want color ink? For example, do you want a red, white and blue US flag on your cards? That would only be $65.00 per 1000, with 13 card colors to choose from,

up to FIVE different layouts, and unlimited artwork in black or colors.

Your card color choices are white, blue, yellow, pink, green, ivory, peach, gray, and the following eyepopping flourescents: yellow, pink, green, blue, and red. Artwork is too numerous to list all designs here, but just some examples would be an ARRL logo, ARES logo, SKYWARN logo, flags of all 50 states, maps of all 50 states, antennas and radios, flags and maps of US territories and foreign countries and 1000's more...
Custom artwork available at NO ADDITIONAL CHARGE!!! Just tell me what you want!!!

Reply via private email for a FREE sample snail mailed to you today!

To place an order call Mark at (904) 626-2450 or FAX (904)626-7686 or you can mail check or money order to:

McAnally and Associates
6223 Hwy 90
Suite 301
Milton, FL 32570-1708

4355. WTB help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-31 00:00:00 UTC
From: goblin@wichita.fn.net
Message-ID: <4jm4r7$hm0@wormer.fn.net>
Source record: 203570

I am looking to buy a new dual band ht 2m/70cm and am in need of one which can be modified to go out of band especially into the 460 mHz range. Can anyone give me some advice on this matter? Thanks in advance-Robert Haig KB0PYU

4356. Kenwood TM 251 In 800 MHz Band ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-31 00:00:00 UTC
From: jaime@mandic.com.br
Message-ID: <4jmhbi$5h2@grande.dcc.unicamp.br>
Source record: 203571

Hello !!!

I would like to receive any informatiom about receiving the 800 MHz band
in a Kenwood Tm 251 ...

I wonder if you could help me !!!!

Thanks !!!!!

Any comments write to jaime@mandic.com.br

4357. ICOM W2A Repair

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-31 00:00:00 UTC
From: scanware@sincom.com
Message-ID: <4jmpm8$jgf@news.cais.com>
Source record: 203572

Anyone know where I can get a flat rate quote on repair of a ICOM W2A?
Icom in Bellvue, WA wants $65. / hr with a one hour minimum before
they even open the case. There is a ribbon cable in mine that has a
tear and I'd rather not dig into it myself...no proper tools.

HELP!

Gene / KG7XD
scanware@sincom.com

4358. Need Man for heath oscill

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-31 00:00:00 UTC
From: Bill.Dumas@f100.n282.z1.fidonet.org
Message-ID: <828278145.AA05865@hamlink.mn.org>
Source record: 203573

To: all
I need the manual(s) for a Bell and Howell Schools Heath kit
solid state oscilloscpe, model 10d-203-3.
Anyone out there will a set for sale?
Thanks.
Bill KB0LAO

4359. Re: Info on CW only xcvrs ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-31 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Mar31.212248.22234@ke4zv.atl.ga.us>
Source record: 203574

In article <4ji6ll$8q6@usenet4.interramp.com> cd001263@interramp.com (George W. Zachmann) writes:
>I am looking for a CW only HF transceiver with VFO. I know Heath made
>an HW-99 model. I believe Drake made one also, anyone know the model
>number ? Any others?

I don't recall a CW only Drake, but the Ten-Tec Century 21 is a CW
only rig I believe.

Gary

--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4360. Re: Did he ever get the FM-25 fixed?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-31 00:00:00 UTC
From: dnorris@k7no.com
Message-ID: <4jmpll$8oe@news.syspac.com>
Source record: 203575

"usao6ret@erols.com" <usao6ret@erols.com> wrote:

>Some days ago, a gentleman posted to several newsgroups a message
>indicating that he was sorely vexed by a problem with his FM-25.
>Many people responded to his posting with comments on his choice of
>words. While I agree that he certainly did not use genteel language, I
>can't help but wonder if he ever solved the problem with the radio?

>Just wondering.

My question is..... What the heck is an FM-25?

cdn
>Real men work QRP CW. And use DOS.

4361. Re: FT-51r Reviews

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-31 00:00:00 UTC
From: houlejm@ireq.ca
Message-ID: <houlejm-3103961655570001@gatos7.ireq.ca>
Source record: 203576

In article <4jindj$nlq@reader2.ix.netcom.com>, wd6dih@ix.netcom.com(Kevin Karamanos) wrote:

> To ERASE A FT-51R MEMORY...
>
> 1. In the MR mode, Select the memory you would like to erase...
>
> 2. Press the F button for 1 second, then press the MR key.
>
> 3. The memory is now erased ! It's that simple and it's not in the
> manual...
>
> 73's
>
> Kevin
>

But it is in the manual on page 32 under "Masking Memories"

--
Jean-Marie VE2AEY

4362. Looking for pin-out of saber programming cable

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-31 00:00:00 UTC
From: hillgen@remus.rutgers.edu
Message-ID: <4jn2ga$2um@remus.rutgers.edu>
Source record: 203577

I'm looking for a pin-out diagram of the cable that connects a motorola saber to a rib box. Any help is greatly appreciated!
Jay

4363. Re: Yaesu "mil-spec" NOT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-31 00:00:00 UTC
From: Lee Blaske <lblaske@pclink.com>
Message-ID: <4jn3ub$356@news.pclink.com>
Source record: 203578

They could very well be "mil-spec" radios. The question is: Whose military?

Lee

4364. Re: MFJ1270C - HTX212 Problems

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-31 00:00:00 UTC
From: jrospopo@pcc-uky.campus.mci.net
Message-ID: <315f176e.36070007@news.campus.mci.net>
Source record: 203579
Cross-posted to:
aus.radio.amateur.digital,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,sanet.radio.packet,alt.radio.digital

On 31 Mar 1996 03:39:33 GMT, Brian Webb <102670.1206@CompuServe.COM>
wrote:

>I own an MFJ1270C packet TNC. I've tried interfacing it with two
>radios with no luck.
>
>I connected it to an HTX202 HT and I had good receive, but no
>transmit. I used an MFJ premade cable and a homebrew cable with
>the same problem.
>
>Yesterday I tried connecting this TNC to a Radio Shack HTX212
>mobile radio. Same problem: Good packet reception, but couldn't
>key my radio (I was doing the CALIBRA K transmit level
>adjustment procedure).
>
>I removed jumper L as suggested by MFJ and I also removed a 4.7
>K ohm resistor that I had hooked in parallel with R140 in my
>earlier attempt to use my HT.
>
>Any idea what is going on here?
>
>Regards,
>
>Brian Webb, KD6NRP
>
>
Brian,

I have a 1270c connected to a HTX 212 and everything is working fine.
The cable that I got from MFJ was wired wrong on one pin so as soon as
I fixed that everything was fine. I would suggest that you look
closely at the radio manuals and trace the wires to the correct
connections. Best way to do this is with a VOM using the continuity
tester.

Jim KE4CON

4365. Re: Ham-Equip Digest V96 #221

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-31 00:00:00 UTC
From: K7UGQ@ix.NETcom.COM
Message-ID: <199604010002.QAA18620@dfw-ix5.ix.netcom.com>
Source record: 203580

-- [From: Don Johnson * EMC.Ver #2.5.02] --

gss@scsn.net

Regarding your need for field report on the RS HTX212, It is a solid rig. Better built than many other rigs on the market. I am familiar with the functional testing and life cycle testing that each 212 goes thru. I wrote a complete review in 73 mag last year.

There are some short comings, can't store out-of-band memory, un-lite key pad. Up/down buttons work backwards, squelch won't stay locked on certain times.

In spite of these, it's a very solid rig with excellent audio, both receive and transmit.

Good luck

Don Johnson
K7UGQ@ix.netcom.com
-------- REPLY, Original message follows --------

Date: Saturday, 30-Mar-96 07:16 AM

From: Ham-Equip Mailing List and Newsgroup \ Internet: (ham-equip@ucsd.edu)
To: Ham-Equip Mailing List and Newsgroup \ Internet: (ham-equip@ucsd.edu)

Subject: Ham-Equip Digest V96 #221

Ham-Equip Digest Sat, 30 Mar 96 Volume 96 : Issue 221

Today's Topics:
Amp.
Did he ever get the FM-25 fixed?
ForSale MILITARY COMM SHELTER UNUSED REAL NICE
HF sucks! (2 msgs)
Information about Utica 650-A transceiver needed
KAM Upgrades
Kenwood 870 ,Icom 775 or YAESU FT-1000mp?
Mac Ham Users Group
Mod for Yaesu FT-757GX?
Need information about the SIEMENS receiv
Opinions of RS HTX-212 Wanted
Recurring Repeater power amp problem???
Swan 600/ Heath Apache
Ten-Tec 1209 transverter kit: comments?

Ten-Tec Kits
TEN-TEC Omni VI
TS711A Mods & TU5 WANTED
Yaesu HT Nicad dissasembly

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu> Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu> Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available (by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text herein consists of personal comments and does not represent the official policies or positions of any party. Your mileage may vary. So there.

Date: 25 Mar 96 01:13:10 PDT
From: kris.mcdonald@prostar.com (Kris Mcdonald)
Subject: Amp.

Anybody know of any mail-order places that sell amps. and other radio equipt? E-mail me.....thanks...73s

----

Date: Sat, 30 Mar 1996 00:07:19 -0800
From: "usao6ret@erols.com" <usao6ret@erols.com>
Subject: Did he ever get the FM-25 fixed?

Some days ago, a gentleman posted to several newsgroups a message indicating that he was sorely vexed by a problem with his FM-25. Many people responded to his posting with comments on his choice of words. While I agree that he certainly did not use genteel language, I can't help but wonder if he ever solved the problem with the radio?

Just wondering.

Real men work QRP CW. And use DOS.

Date: Thu, 28 Mar 1996 02:35:45 GMT
From: louis@postoffice.ptd.net (louis)
Subject: ForSale MILITARY COMM SHELTER UNUSED REAL NICE

I acquired some military shelters that I had planed a use for, but I did not ever see the project through. I
am selling these shelters and thought you might like to check out a few photos of them. If you click on the thumb
nail you can see the larger picture in 800 x 600 resolution. The shelters are rated to block Rf frequencies
up to, I believe, 1.3GHz and at 120db of attenuation. These would make Ideal radio repair rooms. The construction of

the units are double aluminum clad over a foam core with an outer kevlar skin (Bullet resistant!). In pictures 8 and 9 you will notice that the shelter can be used with a 40 foot Wil-Burt pneumatic 9 section mast. I am selling these masts separately if desired. If you would like the shelter with out the mast I can reduce the price some what. These masts are like the ones on the news vans, except that these are built to Mil Spec and the original cost to the defense contractor was $20,000 each. Don't worry that is not my asking price.

I will sell you the mast separately for $2,500
I am asking $5,000 for a shelter with a mast, and I am asking $3,500 for a Shelter with out the mast.
If anyone would like more details, I can be reached at (717) 629-7212 ask for Louis or E-mail louis@postoffice.ptd.net

To see photos of these shelters use your web brouser and go to this URL

http://home.ptd.net/~louis/forsale/forsale.html

Date: 29 Mar 1996 18:17:53 -0500
From: n9mxt1@aol.com (N9MXT1)
Subject: HF sucks!

Hmmm reading your message was very interesting. I personally feel you wrote the message for 1 of 2 reasons.

1) Maybe you thought the Newsgroups were becoming quiet and thought that writing a message against HF would stir-up some activity!
2) Maybe you have nothing else to write about!?!? and thought to yourself hmmm who can I put down today??

OK... well, theirs many aspects to the hobby and some people like HF and others I guess don't! Personally, I find pleasure working DX and working contests.. I have accomplished many awards for my working stations on HF. ie: DXCC / WAS / WAZ and more. When, I get on HF I have normal communications with fellow hams and also have my short exchanges too. I know people personally who hate HF only cause they are to lazy to upgrade to have the HF privilege added to their license. So, you have a right to hate HF but, if your justing going out and bashing the HFers like myself you should at least write another message after upgrading from NO-CODE to a higher class! "Just an idea!". Basically, the ending to your message saying "I've worked my share of HF, I thus I have not upgraded" only tells people that you did this via CB radio or your willing to operate illegal on bands you don't have rights too. So, why should anyone care what you think!!!! If you don't like the laws that the FCC made in this country then maybe move to another country where you don't have these rules to follow.
Well, I don't want to put you down or anything but you seem to have a lot of problems on your mind so maybe you should get some help!

Have fun complaining... HFer's BEWARE of people like
this!!
Jeffrey - N9MXT1

\\|//
(o o) Smile
and be happy!
----------oOOo-(_)-oOOo----------

N9MXT - Jeffrey

Date: 29 Mar 1996 08:55:09 GMT
From: herb@alpha1.csd.uwm.edu (Nathan Ryan Gingras)
Subject: HF sucks!

Gary - KJ6Q (tech@thereporter.com) wrote:
: herb@alpha1.csd.uwm.edu (Nathan Ryan Gingras) wrote:
:
: >Nate.
: >
: >
: >Oh, yeah, you HF'ers are all going to look up my callsign, and to save
: >you the trouble, it's KB9LSX, and I am NO-CODE. But believe me, I've
: >worked my share of HF, and thus I have not upgraded.
: >
: >
: *I*, for one, want to emphatically *THANK* you for your decision to avoid
: HF, and even more so for taking those like you with you. The few sour
: apples like you we have already are QUITE enough, thank you.
:
: Just don't leave thinking you will be missed....and please close the door
: behind you. ^^^^^^^^^^^^^^
^^^^^^^^^^

You can't close what's never been opened! I think the door, in this
post is a metaphor for the mind of the person who wrote it! You wan't
all of us No-Code losers to stay away from your precious spectrum, so
that we will not polute it with free thinking!

Good Tactic.

Nate.

Date: 29 Mar 1996 19:36:31 -0500
From: rdd@access4.digex.net (R. D. Davis)
Subject: Information about Utica 650-A transceiver needed

While sorting through some things, I came across a Utica model 650-A
transceiver that I received about 12 years ago - it wasn't working back then
, and I hadn't gotten a chance to succeed in putting it back into working

condition.

Firstly, can anyone provide me with any information about this unit, such as some specifications, etc.? There's also a Utical V-650-A 6 meter VFO with the unit.

Back when I tried to get the 650-A working, it was giving off a terrible acrid burning smell that I couldn't trace, and I was concerned that the fumes might be carcinogenic or toxic. Are the power transformers in these units likely to short out and cause such fumes (gave me a slight sore throat)?

This looks like a nice solid, well-made unit, in a nice chrome chasis, and it would be nice to at least attempt to get it working again.

Thanks very much in advance for any information that anyone can provide about this!

--
R. D. Davis * http://www.access.digex.net/~rdd \Computer preservationist. Home: +1 410 744-7964 * Eccentrics have more fun! :-) \Unwanted systems gladly Unconventional Computer Consulting & PERQ Software, \disassembled, removed divs. of Transpower Industries, Inc. +1 410 744-4900 \for free and preserved.

Date: 29 Mar 1996 18:56:52 GMT
From: luru@foibe.otol.fi (Ari Husa)
Subject: KAM Upgrades

I have been offered an old Kantronics KAM TNC.

It does not seem to know the latest HF modes (e.g. PACTOR, G-TOR).

What are the upgrade possibilities for it?

The serial number is 100 06262 and the EPROM has a label '2.85'.

Thanks,

Luru
--

/// AriMattiJuhaniHusaOH8NUPAri.Husa@iki.
o-o fiTiedonkaari6D25FIN-90570OULUFinland
o 9405020236http://www.iki.fi/ari.husa/

Date: Sat, 30 Mar 1996 01:33:03 -0800
From: Jim Nance <jnance@one.net>
Subject: Kenwood 870 ,Icom 775 or YAESU FT-1000mp?

Mike I had operated all three radios on more than one occasion at a

local ham store prior to buying my radio. Immediately the TS-870 was

ruled out. Reading the receiver SPECS ONLY in the reviews of all three

units in QST and paying no attention to the reviewers likes/dislikes I

feel the ICOM 775DSP comes out on top. I bought the ICOM 775DSP in

November 1995 and have not been sorry. One other thing I personally

perfer the display on the 775 vs the 1000mp.

73 de KE4WY

Date: Sat, 30 Mar 1996 09:08:36 GMT
From: john@wd1v.mv.com (John Seney)
Subject: Mac Ham Users Group

"Macnet Roster" (ver. 739) has just been updated and is now a stand-alone application! The version number = the number of hams using Macs.

"Macnet Roster" lists:

o CALL SIGN @ HOME PBBS
o FULL NAME
o ADDRESS
o CITY, STATE, ZIP
o INTERNET ADDRESS
o MACS USED
o RADIOS USED
o SOFTWARE USED
o PASSIONS
o COMMENTS

of every known amateur radio operator in the world that uses a Mac computer.

You can use "Macnet Roster" to find other Mac users that you can then communicate with directly. Compare notes on software, applications, ideas, hints and kinks, and make new ham friends that use the same computer you do. (You already know how cool you are - imagine accessing "the rest of us"!)

If you'd like the latest "Macnet Roster":

Send me a formatted disk in a self addressed and stamped disk mailer that is in a large envelope clearly marked "ROSTER".

Or connect to my home page via the WWW

http://www.mv.com/ipusers/wd1v

Put YOUR INFO (via EMAIL or disk using TEACH TEXT) if you'd like to be included in the "Macnet Roster" or send an update to your stats to me via pkt or email anytime.

John D. Seney |_|_|_|_| e-mail: john@wd1v.mv.com
144 Pepperidge Dr |_| |_| www http://www.mv.com/ipusers/wd1v
Manchester, NH 03103-6150 |_|_ _|_| wireless: wd1v@wb1dsw.nh.usa.noam
Voice Mail: 603-533-3472 | | | | | skytel page: 5956779@skymail.com

---

Date: 29 Mar 1996 04:45:10 GMT
From: joncl@ibm.net
Subject: Mod for Yaesu FT-757GX?

Anyone know of a mod or fix for a Yaesu FT-757GX, to allow
a more narrow bandwidth in am mode? In ssb you have an adjustable
bandwidth but that function is bypassed in am. Any info appreciated.

Thanks

Jon C. N7WZG

Date: 28 Mar 1996 23:26:45 -0500
From: radiomatt@aol.com (Radiomatt)
Subject: Need information about the SIEMENS receiv

I have a 1950s vintage hollow state unit Model 445e311a; but no manual; it
only works around 12 Mhz but is quite hot!
it has 16 toobs, but only 3 types; I know of 2 other Siemens models from
about the same time (late 50s into 60s).

Date: Thu, 28 Mar 1996 23:40:11 -0500
From: Greg Snellgrove <gss@scsn.net>
Subject: Opinions of RS HTX-212 Wanted

Would anyone who owns a Radio Shack HTX-212 mobile 2 meter rig care to
share their experiences with the rig? I would greatly appreciate it!

73, Greg
KN4NO

Date: 27 Mar 1996 05:11:18 GMT
From: eugene@loop.com
Subject: Recurring Repeater power amp problem???

> kwon2m@aol.com (Kwon2m) writes:
>
> John Wagner wrote:
> >
> > Our club has an interesting problem with our 2 meter repeater's power
> > amp. I was wondering of anyone else has had this problem, or may see
> > something we have overlooked.
> >

> > Over the past 3 years, we have had 2 different power amps fail
> > because of what we believe to be parastitic problems.
> > >>additional test deleted<<<<<
>
> As Tom, W8JI stated, a circulator may be the answer to your troubles. If
> your repeater is located in a "high rf" area, ie a commercial tower, etc.
,
> there may be enough rf coming IN your antenna system to send your amp
into
> oscillation. A circulator (aka isolator) will send the incoming rf to a
> dummy load and keep it away from the amp. It's also a great way to keep
> signals from mixing in your equipment and producing imd products that
> could cause interference to your system or someone else's. Many years ago
> I had a similar experience when I ran a 2M repeater for a local club. If
I
> only knew then what I know now, it would have saved me untold hours of
> repair work and frustration. Spend the money and get an isolator, it's
> worth every penny.
>
> John, N2BFJ
>
>>>>
The cavities are a highly inductive load and my not present a solid 50 ohm
load to the amplifier. The circulator or isolator
presents a constant load to the tx.

Joe WB6HRO

Date: Sat, 30 Mar 96 05:51:42 GMT
From: jackl@pinetree.microserve.com (WB3U)
Subject: Swan 600/ Heath Apache

QRP%mimi@magic.itg.ti.com (D.W.Hemphill KC5NG) wrote:
>-SNIP-
>>I have a friend who has the Swan 600 twins and a Heathkit Apache
>>transmitter. He is wondering what a fair asking price for these
>>would be. They seem to be in pretty clean condition externally.
>>The Apache worked when it was stored and the 600 twins *might* need
>>a little work on a selector switch.
>-SNIP-
>
>Apache: $50 to $75, should be easy to sell, collectors grabbing
them.
>Swans: $100 to $200, not much of a market for these.
>
>73 de KC5NG

Who posted this question? I ran across a guy on the air a month ago who is
interested in purchasing a set of the Swan 600 twins.

73,
Jack WB3U

Date: 30 Mar 1996 00:09:31 GMT
From: johnoz@indy.net (Occolowitz John)
Subject: Ten-Tec 1209 transverter kit: comments?

In article <4jap1k$36g@newsbf02.news.aol.com>, parf@aol.com (Parf) wrote:
>Hi Dean,
>While I have not built the TT kit I did hear a # of them on 6M last Es
>season- they were consistantly the nicest sounding sigs on the air.
>Previous postings here indicate the instructions hark back to the
>excellent days of Heath. Note also they now have a 2M to 6M downconverter
>to place your 2M all-mode on 6. I've been told the 1st run is sold out! I
>have no affiliation w/ TT in fact I don't own a TT!- but if I had serious
>interests in HF I would own nothing but TT.
>
>Dale WA2YPY

Ordered 1209 today, salesmam quoted 3 week delivery delay.

John KB9MIE

Date: 28 Mar 1996 13:56:50 GMT
From: QRP%mimi@magic.itg.ti.com (D W Hemphill KC5NG)
Subject: Ten-Tec Kits

My TT 1220 2m FM rig is not working. Transmitter problems. Probing with
O'scope tells me signals are getting amplified by all stages, but apparently
start out way too low. Getting only a few milliwatts output, about 8v pk-pk
at collector of PA transistor. Could someone open theirs up and make a few
scope readings through the transmitter chain so I will have an idea what it
should be doing? Manual does not say.

73 de KC5NG

Date: 26 Mar 1996 13:08:40 -0800
From: turner@safety.ics.uci.edu (Clark Savage Turner)
Subject: TEN-TEC Omni VI

I replaced an IRCI equipped Kenwood TS 940S/AT with an OMNI VI a few months
ago. I also was able to let go of my Drake twins soon after the switch.
(silly, I know, but I needed the money, and the OMNI was the R4C equal in
everything I could see except out of band rejection.) I made some
comparisons before the move. Here are some of my basic feature comparisons:

Kenwood TS 940 * Ten Tec OMNI VI

1. Slope tuning wonderful * PBT very sharp, not as versatile as slope
for SSB

2. IRCI filters great, * Filter choices much better, quite as
nar SSB and CW (400 Hz pair) * sharp as IRCI, more of them, cheaper

3. Audio peak for CW great * No audio peak filter, digital lowpass fair

4. General coverage receive * ham band only, no big problem

5. built in AC only power supply * no built in supply, but runs on 12 vdc
good for many purposes

6. built in auto tuner * no tuner, but good final section,
I always use an external tuner anyway

7. good RF processor on SSB * audio processor, yuck

8. VBT on cw * PBT with narrow filters equal to VBT

9. 3 level attenuator * one level of attenuation

10. dual great noise blankers * one noise blanker, good

11. Very heavy unit * light, easy to move

12. stupid memory system * very good memory and menu system

13. manual notch * auto notch and manual notch, but
auto notch distorts SSB audio

14. filters dep on mode * filter choice indep of mode

15. * anx antenna switch (rcv) on front panel

16. * keyer built in, auto ID timer, better
fast VOX for SSB, bandstacking registers
and other more modern features included.

17. auto tuning rates for * static tuning rate, but set from front
band scanning from knob * panel. Can set very slow, for precise
CW tuning with narrow filters

****

Now, in general, the receivers were comparable under most circumstances. I am in an area where a local AM BCB station pushes the TS 940 meter to full scale even with the 30 db attenuator on. For 160 and 75 meters, without an antenna tuner in line, the front end of the 940 crumbles. The OMNI does maybe a bit better, but not a big difference. I always put a tuner in line to work 160 and 75. (I use a nonresonant 450 foot horizontal loop 40 feet up, it loves to pick up AM BCB. The only receiver that can handle it is my Drake R4C.)

The Kenwood 940 has more pleasant sounding receive audio on SSB with the pair of 2.7 KHz filters against the OMNI pair of 2.4's. The Ten Tec auto notch is useful, but I don't like its distortion.

In close in signal work, where big signals come up next to your weak ones, the OMNI seems to do a lot better than the 940. Not common circumstances,

and not a huge difference as far as I can tell, but enough to notice. Makes working stations much more pleasant under heavy QRM. You can REALLY TELL during a 160 meter contest in the late evening, when the CW signals commonly come in with full scale 60 db over S9 ... and you want to hear a weak one next door. You kick in a 250 Hz filter behind a 500 Hz filter behind the standard 2.4 KHz filter and tweak the PBT. It is impressive.

BOTH rigs suffered from bad gain equalization with the CW filtering. Switching in the narrowest of CW filters in either rig with a weak signal can be tough since the filters have a lot of loss. Ten Tec has an extra IF amp you can use to make up for some of the loss, but it does not cover all cases, as I have found (especially the pair of 250 Hz filters). The Kenwood with IRCI 400 Hz filters suffers the same. Not a big deal to put in a little bit of extra gain yourself in either rig though.

Overall, I still respect and love the 940. I keep an IRCI equipped Kenwood TS 440S/AT because I love the thing so much. It keeps up in 99 per cent of all situations. However, the Ten Tec OMNI just puts me over the top in good selectivity / filtering options and the 12 vdc power source, which is important to me. There are other good things about it, but these were the critical factors to my choice.

Clark
.....

Clark Savage Turner, Graduate Student Researcher
Software Engineering Testing
Department of Info. and Computer Science 1514 Verano Place
Irvine, CA. 92717 Irvine, CA. 92715
(714) 824 4049 (714) 856 2131

WA3JPG, QRP #3526, active on HF, VHF and UHF.

Date: 29 Mar 1996 23:57:39 GMT
From: dd980@FreeNet.Carleton.CA (Russ Rinckey)
Subject: TS711A Mods & TU5 WANTED

I need any mods for a TS-711A kenwood also need a tone board TU-5

Date: 29 Mar 1996 04:37:17 GMT
From: Gary - KJ6Q <tech@thereporter.com>
Subject: Yaesu HT Nicad dissasembly

FORGET IT - I tried getting one of mine apart, and had to totally destroy it to even see how it was made. It's more than I could do!

--
Gary... KJ6Q... I am the NRA | Annoy a Liberal - say NO to gun control!
========== | Annoy a Democrat - say BYE BYE CLINTON!
Those who choose to "beat |==========

their swords into plowshares"| "It's *EASY* to be a liberal, it's
may end up *PLOWING* for | OTHER people's money you are giving
those who DON'T! | away! (or living off of!)

End of Ham-Equip Digest V96 #221
****

-------- REPLY, End of original message --------

4366. New Bugging and Surveillance Intelligence

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-31 00:00:00 UTC
From: jmatk@tscm.com
Message-ID: <jmatk-3103962151380001@jmatk.tiac.net>
Source record: 203581
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.homebrew,alt.radio.scanner

Update on Microwave Bugging Devices - 3/28/96

0.902 - 0.928 ghz - Popular Commercial FH/DS Devices
1.710 - 1.755 ghz - DEA Audio/Video Bugs (over 1400 bugs purchased in 1995)
1.710 - 1.755 ghz - DOJ Audio/Video Bugs (.25 to .50 watts)
1.710 - 1.850 ghz - Treasury Video Surveillance Systems
2.400 - 2.484 ghz - Popular Commercial FH/DS Devices
4.635 - 4.660 ghz - Treasury Video Surveillance Systems

Most recently purchased gvt microwave surveillance gear seems to be running between 900mhz to 5ghz, with a few systems operating on the 7/8 ghz bands.

Also, keep in mind that the pros love to use ultra low power devices which use the power lines as the transmission medium/antenna (9khz to 300 mhz). Devices typically operate below 10mw, often below 1mw. The devices typically use Wide FM and use voice inversion encryption... VERY easy to demodulate.

Note: According to a recently obtained DOJ surveillance training manual:

"The typical range for the 28 ghz devices is six miles, the typical range of the 2.4 ghz is thirty miles, and the typical range for the 1.7ghz is 44 miles."

"... frequency modulated applications should operate below 3 ghz to take advantage of the favorable frequency propagation characteristics of that part of the spectrum."

"...Frequency Hopping and Direct Sequence Devices spead spectrum devices should operate above 1.5 ghz, this will prevent the emissions from being detected by electronic countermeasures."

-jma

ps: check out our web site, we just got "Carlos" online on our counter terrorism page. URL: http://www.tscm.com/carlos.html

==========
James M. Atkinson "...Shaken, not Stirred..."
TSCM.COM
127 Eastern Avenue #291
Gloucester, MA 01931-8008
URL: http://www.tscm.com/ E-Mail: jmatk@tscm.com
==========
The First, The Largest, The Most Popular, and the Most

Complete TSCM Counterintelligence Site on the Internet
==========

4367. What to Buy? Need mobile rig advice...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-31 00:00:00 UTC
From: Jonnycat <jonnycat@sover.net>
Message-ID: <315F4657.5E7@sover.net>
Source record: 203582

Hi-

Looking for advice. I have been using a Kenwood HT as a mobile rig in my truck via 12V cord and magmount antenna hookup, and it doesn't work for me.

Would like to buy a mobile rig that is very well built, as I spend lots of time off-road and bouncing around, and has good price-to-features ratio. Important to me are power output, alphanumeric, and ease of use.

Any suggestions?

Thanks,
Jon N1UHH
Email me at <jonnycat@sover.net>

4368. Re: Ten-Tec 1209 transverter kit: comments?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-31 00:00:00 UTC
From: "B.C. 'Jay' Jackson, Jr." <jackson@mail.us.net>
Message-ID: <89594.jackson@mail.us.net>
Source record: 203583

Finished the 94 MHz oscillator today and tested it. Works properly
as far as I can tell. Now on to Phase 2...

AF4O

B.C. "Jay" Jackson, Jr. - Fairfax, VA

4369. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-31 00:00:00 UTC
From: n9mxt1@aol.com
Message-ID: <4jnmrq$c4i@newsbf02.news.aol.com>
Source record: 203584

I'm not a nice person for telling the truth! Aaaaahhh ok... Well, to be honest with you... I am on bands you can't work yet.. so, you won't have to worry about talking to me!! hehehe

BYE! 73 de N9MXT1 - Jeffrey

O yes.. forgot you might not know what that means..... 73 = Best Regards and de=from and my call!

:)

4370. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-31 00:00:00 UTC
From: n9mxt1@aol.com
Message-ID: <4jnna6$cbr@newsbf02.news.aol.com>
Source record: 203585

I don't take much personal myself.... but, some people do and write messages that seem to say differently!

4371. What I need to start?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-31 00:00:00 UTC
From: michal_trzcianowski@nyacc.org
Message-ID: <8BDC35A.004D002B92.uuout@nyacc.org>
Source record: 203586

```
Hi!
I'd like to start with the radio but I don't know
what parts do I need. Is the license necessary?
Can someone tell me what do I need to begin?
thanks,
Mike
```

4372. Re: Sxxx, my FM-25 is Fxxxxx! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-31 00:00:00 UTC
From: recurry@insighttec.com
Message-ID: <4jmrld$3f1@SantaClara01.News.Internex.NET>
Source record: 203587
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

Can we move this discussion to another subject heading. It's been going on for over a week. My 11 year old reads this newsgroup and it's certainly not a good example.

Thanks,

Ron Curry
KE6WED
recurry@insighttec.com
ke6wed@ke6wed.ampr.org
recurry@inside.intel.com

4373. Re: How Tune Tube XMTR for QRP?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-31 00:00:00 UTC
From: stan@mutadv.com
Message-ID: <4jki6a$h46@news-2.csn.net>
Source record: 203651

In article <4jk6aa$dg@solaris.cc.vt.edu>, mkeitz@bev.net says...

>I've just set up an old RCA all-tube commercial radio for 6 meter FM.

>transmitter section uses a single 6146 with two "L" sections (series
>inductor and capacitor to ground) in the plate circuit. Everything
>tuned up well, and it works our new repeater (53.47 -1.0 MHz) just
fine.

>With all the transmitter tweakers adjusted to peak, it puts out about
>50 W. But I only need 3 or 5 W to get to the repeater, so I'd like
>to turn the power down somehow. Obviously there are many ways to do
>that, but some of them may be better than others. Perhaps someone more
>experienced with tube equipment than I am could comment on which of
these
>are best in terms of tube life, spurious emissions, etc.
>
>* Reduce the screen voltage. This is the method I presently use, as a
>"Tune-Operate" switch has been provided which does exactly that. I
>assume the purpose of this switch is to keep the tube from conducting
>heavily and burning out during initial tune-up when the plate tuner may
>be badly misadjusted. It would seem however that the tube operates
with
>low efficiency with the screen voltage reduced. This method does have
>the advantage that full power can be restored easily if needed.

35 years ago a popular (cheap) method of AM modulating the 6146 was to
modulate the screen grid by reducing the DC screen supply and adding an
audio signal. There was no concern then for reduced life or spurious
emmisions and I doubt that we know much more about that tube now than we
did then. Seens like a good and simple approach - stick with it. 73,

Stan

--
Stan Huntting, KF0IA
Email: stan@mutadv.com
Fax: 303 444 2314
KaWin home page: http://www.mutadv.com/kawin/
Postal address: 4655 Pleasant Ridge Rd.,
Boulder, CO 80301-1731, USA

4374. Re: ARRL insurance

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-31 00:00:00 UTC
From: flanders@znet.groupz.net
Message-ID: <4jklts$j51@news1.sunbelt.net>
Source record: 203652
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Anybody contemplating insurance on their ham gear should first ask
their Homeowner's Insurance agent if they are already covered. I am
already covered on everything in the house, at no additional cost.
Lightning took out a couple of thousand dollars worth of ham gear here
a few years ago. Allstate repaired the pieces not completely fried,
and purchased new stuff for the rest, with no depreciation (all were
current models). I only paid my deductible.

I think additional insurance might be wise for mobile rigs, but even
there, I would consult the car's insurance agent first - might be
possible to get an inexpensive rider with specific coverage for mobile
rig also.

We should remember one very important thing about insurance: ON
AVERAGE, WE GET BACK LESS THAN WE PUT IN.

Don't buy more than you actually need.

Jerry W4UKU flanders@groupz.net
==========
radiomatt@aol.com (Radiomatt) wrote:

>I had the insurance from time to time; three or four years, then off for a
>couple, and then back on again. Last winter a water pipe froze and burst
>inundating my radios. The tube stuff stood up fairly well, but my prize
>pair of HRO-500 and matching HRO-600 got pretty much destroyed. The 500 is
>still fixable, so I did not ask for replacement (or $), but the 600 is
>REAL rare; I had it appraised; they said it was a total loss, and the
>Wohlers Company made good for $2500.
>(The pair, in one cabinet, had been insured at $3100, out of total insured
>ham shack of about $11K).
>No complaints here. They handled the claim professionally and rapidly once
>the appraisal came in --that took 4 mos, but not their problem.
>Go for it

4375. Yaesu FT530 help!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-31 00:00:00 UTC
From: dblizzar@sprynet.com
Message-ID: <315DD01E.2C7B@sprynet.com>
Source record: 203653

I recently bought a new FT530 from the local dealer but can't find a source for the coax plug used to power this HT from an external DC supply. As usual the manual doesn't provide the spec, all it says is either a 3.7mm or 4.0mm plug (depending on where you look in the manual) but the inside diameter is not specified. All the usual local sources don't have anything that will fit.
What size is it really???
Any help would be appreciated.
--

73's from Dave Blizzard - VE3SVL
blizzard@canoe.ca

4376. 757GXII question.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-31 00:00:00 UTC
From: kb2rmi@pop3.frontiernet.com
Message-ID: <4jkmc1$f2i@cheatum.frontiernet.net>
Source record: 203654

I tried the general coverage TX mod as shown in the QRZ file, threw the switch and it didn't seem to make any difference. Is there a reset that has to be performed? Email replies appreciated. Bill

4377. Looking for HP 3300A manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-31 00:00:00 UTC
From: bailey@skipjack.net
Message-ID: <4jl35h$1b4@shore4.intercom.net>
Source record: 203655

I just bought an HP 3300A function generator. I am looking for the appropriate manual. Any help would be greatly appreciated.

Steve

4378. Re: Any info on FT-50?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-31 00:00:00 UTC
From: Jeff Goldman <75162.2371@CompuServe.COM>
Message-ID: <4jkmi3$3r$1@mhadf.production.compuserve.com>
Source record: 203656

April Fools joke to you, too. Clock/alarm? The wrong band endpoints? 800MHz trunked/cellphone capability? Digital track tuning? Dual RX in any combination? 400 memories? Backlit keypad? ADMS-1B not the correct ADMS-1C?

Yuck yuck. Believe it or not, a friend called me up all excited about your message! The only thing you left out was an incredible price. How does $299 sound... for the 5 watt version with the digital voice recorder? <g>

-Jeff

4379. WTD: RCA WT-100A OR HICKOK 700 TUBE TESTER

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-31 00:00:00 UTC
From: l.mclaughlin@slipid.async.csuohio.edu
Message-ID: <4jknng$5i7@csu-b.csuohio.edu>
Source record: 203657

RCA WT-100A and/or Hickok 700 tube tester wanted. Seeking unit in good running condition, needing some repairs or for parts (if I later come across a working unit). Willing to swap for something or please state a fair price for the respective unit. I would prefer swapping something as cash is tight, but I would have to find out what you are looking for -- I may have it. Please indicate if you have manuals, schematics, charts and/or plug-in tube sockets for the respective tube tester.

Kindly, email with details.

Thank you.

4380. Can anybody help me on a articel in '73 magazine' march 1991.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-31 00:00:00 UTC
From: Geert.Pirens@ping.be
Message-ID: <4jkju2$2sg@ping1.ping.be>
Source record: 203658

Hello,

Can somebody help me on this article in '73 magazine' in march 1991.

March 1991, '73 Magazine' has an article by John Hoots on page 12
with a description of modifications that can be made to some scanners
to improve the I.F. bandwidth.

I live in europe and i'm not able to catch up some articles or buy
one!!

I hope there is someone who will help me on this.

Can someone make a few copy of this article and send it to:

Geert Pirens, ONL2057
Flekeleerstraat 54
B-3600 GENK
BELGIUM

Greatfule thanks!!!!

73!

Geert Pirens, ONL2057

4381. Re: KAM Upgrades

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-31 00:00:00 UTC
From: terry02@ibm.net
Message-ID: <4jkua6$gru@news-s01.ny.us.ibm.net>
Source record: 203659

>I have been offered an old Kantronics KAM TNC.
>It does not seem to know the latest HF modes (e.g. PACTOR, G-TOR).
>What are the upgrade possibilities for it?

Try Kantronic's web page at http://www.kantronics.com

4382. MFJ1270C - HTX212 Problems

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-31 00:00:00 UTC
From: Brian Webb <102670.1206@CompuServe.COM>
Message-ID: <4jkupliem1@mhade.production.compuserve.com>
Source record: 203660
Cross-posted to:
aus.radio.amateur.digital,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,sanet.radio.packet,alt.radio.digital

I own an MFJ1270C packet TNC. I've tried interfacing it with two radios with no luck.

I connected it to an HTX202 HT and I had good receive, but no transmit. I used an MFJ premade cable and a homebrew cable with the same problem.

Yesterday I tried connecting this TNC to a Radio Shack HTX212 mobile radio. Same problem: Good packet reception, but couldn't key my radio (I was doing the CALIBRA K transmit level adjustment procedure).

I removed jumper L as suggested by MFJ and I also removed a 4.7 K ohm resistor that I had hooked in parallel with R140 in my earlier attempt to use my HT.

Any idea what is going on here?

Regards,

Brian Webb, KD6NRP

4383. Drake TR7 for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-03-31 00:00:00 UTC
From: Jleikhim@nettally.com
Message-ID: <4jktes$t87@server.cntfl.com>
Source record: 203661

For Sale;

DRAKE TR-7 $575

Includes DR7, FA7, PS7, plus service and operation manuals

Good Condition, Just add your microphone and antenna

Please respond via e-mail